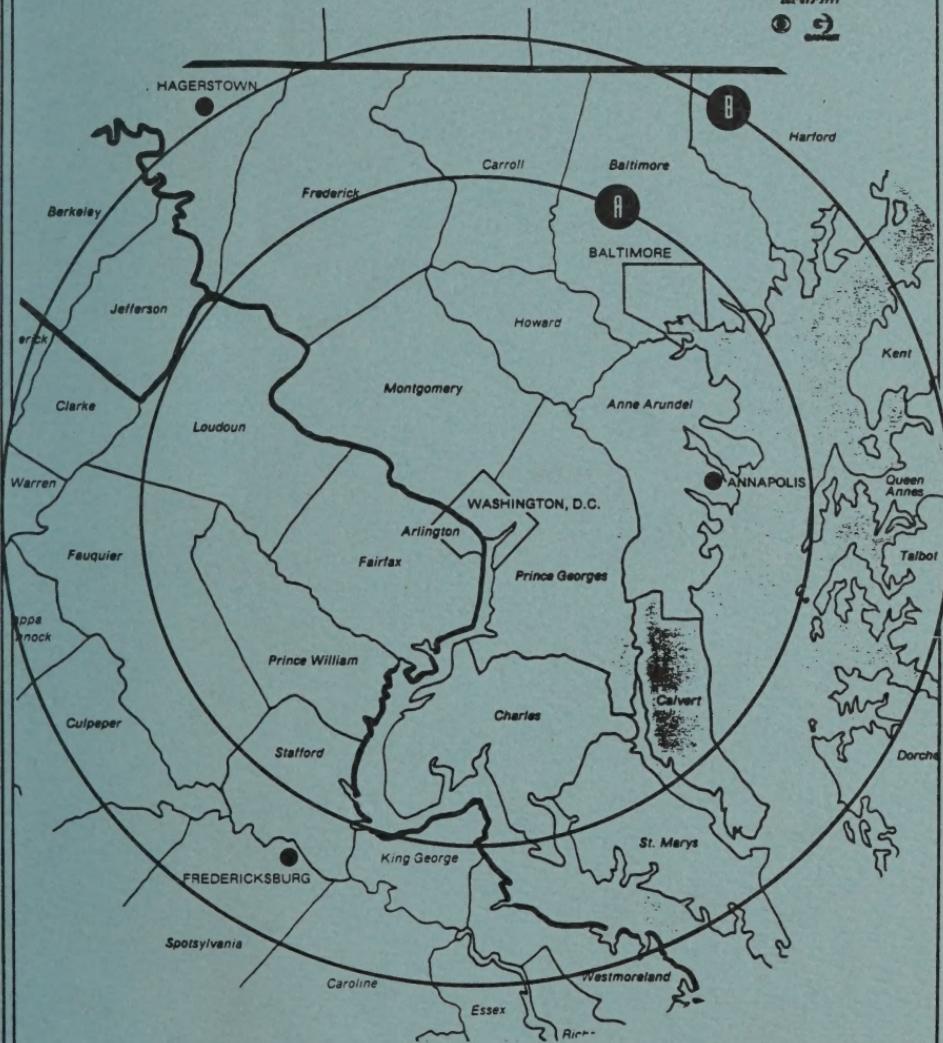


Vhf-Uhf DIGEST

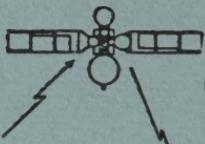
The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 1995

WUSA 9
THE ONE & ONLY
4100 WISCONSIN AVENUE NW
WASHINGTON DC 20016
202-985-5999



SATELLITE NEWS



George W. Jensen
4604 Anntana Avenue
Baltimore MD 21206-4220

A short column this month. The yearly roundup will come shortly. It would not be wise to persue that at this time, due to the many ongoing switches due to the shut down of F2, T2 and others along with the failure of launches of several birds. So: here are a few recent changes - look for many more as you read this.

Morelos 2 - XPDR 9 - MTV Latin America - lately off Intelsat 53 W - 14 - Channel NBC Europe M E T has moved from F2 to G6 - 18

Golf Channel is on - G7 - 7 in VC2

Game Show Network is on G7-6 in VC2

Univision is back with analog signal on S3-5
many times in VC2

KTVT on S3-5 is gone

The Family Net is now on G4 - 23

Starz is now on S4-11 - was a digital cable movie service

HBO2E - now G7-8

HBO2W - now G7-14

HBO3E - now G7-24

Cinemax 2E - now G1-23



On Anik E2 - Ku band - many new services lighting up

4H - NCN - New Country Network

6H - a Canadian Bravo

8H - Life

14H - Showcase

16H - WTN

22H - Movie Pix

24H - Canal D (French)

on the C side - The Weather Network is now French full time with a full time English service elsewhere (XPDR ()

Orion 1 - a Ku-Band only satellite is now stationed at 37.5 W with a footprint to Atlantic rim areas of US/ North America and Europe.

Some info on Canal Sur with is being relayed by several Florida LPTVs - The original signal comes from Lima, Peru where items are taken off of Pan-Am-Sat/BrazilSat/and severaall Intelsats by Panamaeriacan television (Ch5). They are then sort of collated and retransmitted via C-Band on Pan-Am-Sat to Hero Teleport in Miami where they are retransmitted again via Spacenet 2 XPDR 4 with its really stinkey signal.

That's all from this end - hope to see you all in30

Say,



TV News

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NEW STATIONS ON THE AIR

San Bernardino, CA: KZKI-30Z

1120kW/713m

TL 34°11'15"N, 117°41'58"W

Sunset Ridge near Claremont, same as when it was KAGL-30. Operating license granted in late December.

OTHER STUFF

Neither the Miami nor the Marion call changes are official.

New Speaker of the House Newt Gingrich seems to have gotten in a bit of hot water over conversations with Fox Broadcasting chair Rupert Murdoch. Gingrich's new book is to be published by a firm partially controlled by Murdoch; some suggest Murdoch's decision to publish Gingrich's book was influenced by Gingrich's possible ability to influence FCC hearings over the degree of foreign (Australian) control of Fox Broadcasting.

Ratings for the regular season football games are in, for the first year since CBS lost its franchise to Fox. American Conference games on NBC were up 11% to a 12.5 rating/29 share. On the other hand, National Conference games on Fox lost 6% to a 12.1 rating/28 share.

Given industry (and Fox) predictions of a 10-25% decline in NFC ratings on Fox, Fox is quite happy with the results! Indeed, Fox earned \$300million in commercial revenue for NFC games this year, as opposed to an estimated \$275million last year on CBS.

In some smaller markets, new Fox affiliates KECY-9 and KARD-14 have been doing quite well. Early numbers from Yuma show KECY ending up the #1 station in the market with viewers 18-34, outperforming the CBS and NBC stations. They beat CBS to end up #2 among viewers 18-49. And in Monroe, Louisiana, KARD beat VHF NBC affiliate KTVE-10 to end up in second place, beat only by KNOE-8.

A bit of a trade war seems to be brewing between Country Music Television and the Canadian Radio-Television Commission. The CRTC recently ordered Canadian cable systems to drop CMT in favor of a new Canadian country music channel. A story on WSMV-4 in mid-(Other

Abbreviations used in this column:

ERP= Effective Radiated Power in kW

HAAT=Height Above Avg. Terrain

nc= no change

TL= Tower Location

CP= Construction Permit

Pr= Province (of Canada)

*= Non-commercial

CRTC=Canadian Radio-Television Commission

DBS= Direct Broadcast Sat.

SS= Spanish language

LPRT=Low Power Relay Transmitter (Canada)

TBD= To Be Determined

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	58	138	57	WARD	Ft. Walton

(TL 30°23'43"N, 86°30'11"W)

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
NC	17	5000	nc	WTED	Goldsboro

(was 2570kW)

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	26	3236	792	KMFP	Visalia

(was 3240kW/784m)

CA 54 nc 345 WZEX Columbus
(TL 32°27'49"N, 84°52'37"W
just a few hundred feet from the old site)

NC 42 1375 nc WFVI Charlotte
(was 2750kW)

CALL LETTER CHANGES

Was	Now	City, state
WCIX-4	WFOR-4	Miami, FL
WMCC-23	WNDY-23	Marion, IN
new-44	WAGV-44	Harlan, KY

stuff, contd.)

January now reports CMT is removing records on Canadian labels from their music video lineup.

The new UPN and WB networks have both started. It's too early to tell how they'll do. I would appreciate hearing from any of you who note an over-the-air WB affiliate in your area; WB has been reluctant to release an affiliate list.

NETWORK AFFILIATION CHANGES

Changes in boldface have already happened.

WISC-3	Madison:	CBS->CBS/UPN
WITF-4	Bloomington:	ind => UPN
KIVS-5	Anchorage:	ind => UPN
KFVE-5	Honolulu:	ind => UPN
WNEM-5	Bay City:	NBC => CBS
KIRO-7	Seattle:	CBS => UPN
WOOD-8	Grand Rapids:	NBC=>NBC/UPN
WWOR-9	New York:	ind => UPN
KTFV-11	Fairbanks:	CBS=>CBS/UPN
WVAH-11	Charleston:	Fox=>Fox/UPN
KFNR-11	Rawlins:	ABC=>ABC/Fox
KPTV-12	Portland:	ind => UPN
KCOP-13	Los Angeles:	ind => UPN
KRQE-13	Albuquerque:	CBS=>CBS/UPN
KCIT-14	Amarillo:	Fox=>Fox/UPN
WFU-16	Jackson TN:	Fox=>?/UPN
KDSM-17	Des Moines:	Fox=>Fox/UPN
KFVG-17	Grand Island:	ind => UPN
KETU-18	Tucson:	ind => UPN
WWTW-18	Milwaukee:	ind => UPN
KFNB-20	Casper:	ABC=>ABC/Fox
KTEH-20	Houston:	ind => UPN
KKRM-21	Colo. Sprs.:	Fox=>Fox/UPN
KNLD-21	Duluth:	new=>Fox/UPN
KRLR-21	Las Vegas:	ind => UPN
WHNS-21	Asheville:	Fox=>Fox/UPN
WJCL-22	Savannah:	NBC=>NBC/UPN
WLFL-22	Raleigh:	Fox=>Fox/UPN
WPTT-22	Pittsburgh:	ind => UPN
KAU-22	Spokane:	Fox=>Fox/UPN
WEAT-24	Charleston:	Fox=>Fox/UPN
WEYI-25	Saginaw:	CBS => NBC
WCJU-26	Chicago:	Uni => ind
KJMM-26	Burlington:	Fox=>Fox/UPN
KMVU-26	Medford:	Fox=>Fox/UPN
WGNT-27	Norfolk:	ind => UPN
WTTE-28	Columbus OH:	Fox=>Fox/UPN
WTIK-29	Kokomo:	ind => UPN
WUTV-29	Buffalo:	Fox=>Fox/UPN
KABB-29	San Antonio:	ind => Fox
KDNL-30	St. Louis:	Fox=>ABC/UPN
WS3AP	Kingsport TN:	ind => UPN
KOOG-30	Ogden:	ind => WB
WUHF-31	Rochester:	Fox=>Fox/UPN
WGKJ-33	Cadillac:	Fox=>Fox/UPN
KOCH-34	Oklahoma C.:	ind => UPN
KRKT-35	San Antonio:	Fox => ?
WHLR-35	Richmond:	Fox=>Fox/UPN

KASN-38	Little Rock:	ind => UPN
WOTV-41	Battle Crk.:	ABC=>ABC/UPN
KPTM-42	Omaha:	Fox=>Fox/UPN
KNKT-43	Topeka:	ind => UPN
WGMR-43	Syracuse:	Box => UPN
KEMK-44	S. Francisco:	ind => UPN
WGJU-45	Vanderbilt:	Fox=>Fox/UPN
WGTV-45	Dayton:	Fox=>Fox/UPN
WGFL-46	Maples:	ind => UPN
WJZY-46	Belmont:	ind => UPN
WFNT-47	Jacksonville:	ind => UPN
W47BD	Findlay, OH:	ind => UPN
KELA-48	Las Cruces:	ind => UPN
K49CY	Austin TX:	ind => UPN
WFWR-50	Gary:	ind => UPN
KUSI-51	San Diego:	ind => UPN
WFXT-51	Portland, ME:	Fox =>Fox/UPN
W52AE	Evansville:	ind => UPN
KALI-53	Fresno:	ind => UPN
WFLI-53	Cleveland TN:	ind => UPN
W77-54	Slidell, LA:	new => UPN
WFPT-55	Ft. Wayne:	Fox=>Fox/UPN
WDKY-56	Danville:	Fox=>Fox/UPN
KSCN-58	Stockton:	ind => UPN
WTTE-58	Salem, IN:	ind => UPN
WJYS-62	Hammond:	ESS => ind
K62DW	Lafayette LA:	ind => UPN
KEMO-62	Kansas City:	ind => UPN
KADY-63	Oxnard:	ind => UPN
WSTR-64	Cincinnati:	ind => UPN
WREB-65	Orlando:	ind => UPN
WGBO-66	Joliet:	ind => Uni
"WBTR"-?	Eaton Rouge:	ind => UPN
"WBTR"-?	Florence SC:	? => UPN

Most of this month's column is from a posting on the Internet forwarded by Bill Hale in Meridian, Idaho. Broadcasting and Cable has printed a similar list. (they've also printed a WB list- copyrighted, so I can't reproduce it here, but most of the surprises are on UPN. Besides, B&C noted that WB has been reluctant to release an affiliate list for competitive reasons, and that their own list is incomplete. I'd appreciate hearing from any of you who have a WB affiliate in your area.)

"WBTR" is actually a network of LPTVs on several channels. At press time, UPN hadn't started operations yet, so Jeff Kruszka hasn't been able to tell me which channels will be UPN. In Findlay, Ohio, W47BD is promoting itself as "WFND-TV". And in Topeka, Kansas, the channel 43 LPTV is calling itself "KNKT" in publicity items, and signing "KTMJ" on the air- but Fred McCormack says it's definitely a LPTV, a channel change for K15BQ. See Fred's report for more information on the calls here.

(Network changes, contd.)

"Box" for the former affiliation of WSNR-43 is not a typo. WSNR is a relatively low power station, previously carrying the Video Jukebox Network.

The W???-54 Slidell, LA is an assumption on my part. The original list simply says "TBA", but there has been recent activity on this construction permit, and it's the only open CP in the New Orleans area.

See Bruce Elving's item later in the column for more information on KNLD-21.

John Lentz has conflicting reports as to whether WTV or WCGV is to be the UPN affiliate in Milwaukee.

I know nothing about a WWMB Florence/Myrtle Beach, unless these are new calls for the WFIL-21 CP.

It's unknown whether the WNRW secondary UPN affiliation also affects WGGT-48. The latter station currently relays WNRW under a LMA. Also unknown is whether WMTU will continue to carry some Fox programs not carried by WBBJ-7.

FORUM

Matt Sittel, Asheville NC:

(yep, Matt moved again!) He notes that WASV-62 there is on, and most of the time is parallel to WGGS-16 Greenville SC with religion.

Fred McCormack, St. Paul MN:

Information received from Fred about the channel 43 in Topeka above also indicates the FCC has implemented its plan to issue regular callsigns to some LPTVs. He says K06KZ there has changed its real, official callsign to KTMJ-LP.

While it hasn't come through the paperwork yet, Fred speculates (and I'm sure he's right) that K15BQ changed its calls to KNKT-LP when it moved to channel 43.

Fred also has the (more traditional) calls for Pharis Broadcasting's LPTV in Springdale, Arkansas, mentioned in last month's column. It's K15DR.

Regarding the Locke Supply LPTVs in Oklahoma, Fred shows several more:

K20EA	Tulsa
K31DY	Muskogee
K51EK	McAlester
K61GC	Wichita, Kansas
K68EH	Ponca City

These are all presumably satellite-fed religion. K27DM Claremore (noted in the December VUD) has an application to move to channel 63.

Fred is also able to solve Ernie Wesolowski's mystery TBN on channel 53 in Omaha. K53EY Omaha was granted 10.5kW in January 1994, and is licensed to the same R.B. Sheldahl who owns "official" TBN affiliate K45CQ Council Bluffs.

Bill Hale, Meridian ID:

Special thanks to Bill for providing the UPN list from the Internet. Bill also says a friend in San Antonio told him Fox is moving from KRRT-35 to KABB-29. The reason given was a better tower location, at Elmendorf, Texas, southeast of San Antonio. (and where the other San Antonio transmitters are)

KRRT's tower is over 60km WNW of the other ones, in northeast Medina County near Lakehills. And Bill writes that when he lived in the area, at San Marcos, KABB "came in like gangbusters, while 35 from Kerrville was narry a ghost." I wonder how the channel 2 CP for Fredericksburg will do when/if it gets built?

Bill didn't see anything about a new UPN affiliate—UPN had been slated to go on KABB.

Also from Bill, an item from the Wall Street Journal noting that yet again, New York City is considering selling municipal TV station WNYC-31. Unlike most educational stations, WNYC holds a commercial license and could be sold to a for-profit firm.

Jack Decker, Muskegeon MI:

No, Jack isn't a member of WTFDA. Bill Hale passed along a question he asked on the Internet, and I sent a brief reply. Jack's

original question might be of interest to the general membership, so I thought I'd pass it along...

Jack lives a few miles east of Lake Michigan's eastern shore. He's trying to receive LPTV W11CF White-hall, which is almost on the beach. And he's having serious CCI problems from WLUK-11 Green Bay, across the lake and in the same direction.

His question: "It seems as though the station [WLUK] is throwing a pretty powerful signal out in the direction of the lake. I can't imagine that they consider any part of Michigan to be part of their primary viewing area, so why on earth do they need to be sending such a strong signal in this direction?"

And, "Is it POSSIBLE to make a transmitted TV signal weaker in one specific direction, or is the pattern always roughly a circle?" "...is there any chance [WLUK] could be convinced not to send such a powerful signal in this direction? ... you'd think they'd want to keep that power directed towards the land areas where they might have viewers."

Directional antennas are very rare for TV stations. On AM, it's common to use a directional antenna to allow building a station in a place where it would be otherwise impossible: by installing an antenna that puts as little power as possible in the direction of another station, it might be possible to operate without interference.

Unlike AM, on TV the FCC has established specific distance separations between stations on the same channel. You cannot use a directional antenna to squeeze in a station where it would be otherwise impossible. And, the ERP limit (in the case of channel 11, 316kW) is applied in the direction in which you radiate the most power. (and not as the average of your power in all directions)

Because of this, directional antennas are quite rare in TV. (they are not, however, unheard of. In some places, directional antennas are used to allow a lower-power transmitter to cover two or three major cities without wasting too much power over unpopulated rural areas. In other cases, notably Denver, directional antennas are used to reduce the amount of power directed towards mountains & thus reduce ghosting.)

While it would certainly be legal for WLUK to install a directional antenna to avoid putting power over Lake Michigan, there really isn't any economic incentive for them to do it. Because directional antennas are rare for TV, they're considerably more expensive than the normal non-directional variety.

And by installing the directional antenna, WLUK is actually reducing power in all directions except the one in which their antenna radiates the most power. Viewers in other directions (Door Co., Appleton, and especially in the direction of the lake, i.e. Manitowoc) may actually suffer increased interference from WTTW-Chicago, WBKB-Alpena, and other stations.

Jeff Kruszka, Baton Rouge LA:

Regarding a channel 14 LPTV Jeff saw relaying "WTVK"-11, he called the station & was told channel 14 was their "microwave link", carrying programs from the studio to the transmitter. Jeff asks, "I don't know if I can count this as a "logging" - do you?" Personally, I would, if its indeed transmitting within the 68 TV channels.

I find that especially interesting in light of the history of W54BH in my old hometown of Madison, Wisconsin. When they first signed on as W05BD, they ran some local programming and used their UHF channel (then signing K54DB) as a remote pickup link. It was rumored they also used channel 65 for the same purpose, though I never saw it.

I don't know the LPTV regs well enough to verify that this is or isn't legal. But to my knowledge, the WFTDA guidelines don't say you can't count illegal stations. (and in my opinion, if you can figure out what & where they are, illegal stations certainly should count) Full power stations definitely can not get away with this!

Jeff has also seen an ID on K52CQ. They use "WJOY TV-52 K52CQ".

In Lubbock, Texas, Jeff notes three LPTVs on. K46CS is Telemundo; K51BX is Univision; and K62DG is the Box.

(Forum, contd.)

Bruce Elving, Esko MN:

"If you've been waiting for Duluth's newest television station to hit the airwaves, hunker down and get ready to wait a little longer."

Despite receiving an operating license from the FCC, KNLD-21 did not go on the air in April as first planned, nor did it premiere in December as later planned.

The holdup isn't technical, it's legal. KNLD plans to operate under an LMA with KBJR-6 Superior, Wis., which means the LMA must be approved by five lawyers in four states before KBJR technicians can turn KNLD's transmitter on.

KNLD will be affiliated with both the Fox and UPN networks. Until channel 21 comes on the air, UPN's flagship program, "Star Trek: Voyager", will displace NBC's programming on KBJR at 7pm Saturdays.

Bruce also has some information on UHF wireless cable in Duluth. He says local operator BSI Cable/Duluth is now running the Family Channel in the clear on channel 38, weaker than local TBN K58CM.

"I wonder if other DXers have scrambled TV on regular UHF channels in their areas?" It certainly seems a popular phenomena in Minnesota, and to a lesser degree in adjoining Wisconsin, Iowa, and North Dakota.

Jerry Stuart, Lawton OK:

(I sure hope that's your post-card Jerry, you forgot to sign it!) Jerry says KLDT-55 Lake Dallas TX is definitely on, with the same ID as when religious, but with the VIA-TV home shopping network.

He's also seen K31CM Ft. Worth with one of the Spanish networks.

Finally, Jerry asks "...how to QSL Norman OK K22?" Good question. He's already tried all the permutations on an address I'd think of, and the Postal Service keeps returning his reports...

Keith Smith, St. Ann MO:

Keith continues to write to the "Dark Stations" listed a few months back. His letters to WPTJ-19, WYDN-48, and KRPA-44 were all returned unopened, and Keith presumes all

three are dead. Probably true, though sometimes these things get "resurrected"!

WDKA-49 Paducah's letter resulted in a reply from the Chief Operator of WCEE-13 Mt. Vernon, IL who wrote that channel 49 is still in the planning stage, and could come on in the future as a satellite of WCEE. Tom Bryant has information to the same conclusion.

Ernie Wesolowski sent Keith the TV page of the *Wichita Eagle*, which lists two LPTVs. K55FS is listed as "KCTI", with general independent programming. And a TBN is listed on channel 59; this is indeed K59DA.

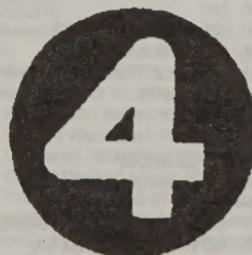
DX ETC.

Wow, has there been DX here or what?! Fifteen states on UHF in three days?! 760 mile tropo to south Florida?! January has been a BIG tropo month here in middle Tennessee!

Internet mail indicates big openings have happened in other parts of the East as well. Hope your winter season has been as productive as mine!

Those of you who subscribe to *Monitoring Times* probably already know that I've taken over the "American Bandsan" column. I do not plan to drop, or make any changes to, this column because of the MT column.

73 Doug



WIVBT-TV

FM NEWS

February 1995

Many of the items listed in this column are taken from the publication:
M Street Journal - 304 Park Ave. So. 7th Floor - New York, NY 10010
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KEY:

&: satellite programming
AF: new freq. allocation **accepted** for filing
for a new FM license
CC: **call change** / new calls assigned
CL: city of license change granted
CO: new xmtr co-ordinates
CX: a CP has expired, and is cancelled
C1,C2, etc: change in class status
DA: **directional antenna**
DE: calls deleted, license returned to FCC
FC: station format change

GA: **granted amendment** to table of FM
allocations

GE: station was **granted extension** of a CP
GX: **granted replacement** of expired CP
MC: **multiple-city** legal ID
NC: **no change** yet, on a reported
pending grant/change.
NO: station is **not** on the air
NS: a **new station** granted a license
NW: **new station** signs on the air
PA: **proposed amendment** to change
table of allocations
PC>: **a power change** (increase)

PC<: **a power change** (decrease)

PG>: **power change granted** (increase)

PG<: **power change granted** (decrease)

QC: **frequency change** for this station

QG: **frequency change granted**

RA: station **returns** to the air

RE: station **requests extension** of a CP

RX: station **requests re-instatement** of

an expired CP

SG: **slogan change** or update

SI: station is **silent**

XC: station granted a transmitter (xmtr)
site change

ALABAMA

Abbeville: W1ZB 94.3 PG> to 3150w, 458ft,
XC: 31-27-18 / 85-19-52
Addison: *** 105.7 GA for class A
Camden: WYVC 102.3 reported SI
Dadesville: WDVI 88.7 NC to 100 kW but GE
Dothan: WESP 102.5 PC> to 10 kW, 461 ft, class C3
XC: 31-13-41 / 85-21-06
Selma: W211AD 90.1 NS-170w: WAFR 88.3 Tupelo, MS
Warrior: WLBI 98.7 PC> to 6.2 kW, 656 ft,
XC: 33-52-34 / 86-50-09, class C3

ALASKA:

Delta Jct: *** 93.5 GA to add class A
Houston: KADX 94.3 NO-RE
Houston: *** 96.3 PA to add class A
Ketchikan: KRBD 89.7 QC from 105.9, PC> to 7.8 kW

ARIZONA:

Flagstaff: KJTA 89.9 NO-RE (2nd)
Globe: KRXS 97.3 NO-RE (2nd)
L Havasu City: KBBC101.1 no change to 617 but GE (14th)
Phoenix: KCHT 96.9 CC (ex KPSN) "Classic Hits"
Tuba City: *** 97.9 GA for class C3
Williams: KVTF 96.7 NO-GX (2nd)
Window Rock: KWPK 96.1 NO-GE (4th)

ARKANSAS:

Bentonville: K201CT 88.1 NS-205w: WAFR 88.3 Tupelo, MS
Camden: KMGK 104.5 NW
Clarksville: K210BN 89.9 NS-250w: WAFR 88.3 Tupelo, MS
Dumas: KXFE 107.1 NC to 106.9, but GX
Ft. Smith: K213BV 90.5 NS-10w(v): KEAR 106.9 San Fran
Pine Bluff: KUAP 89.7 NO-RE (4th)

CALIFORNIA:

Avalon: KRCI 92.7 SI
Bakersfield: KKBB 99.3 CC (ex KOQQ)
Bakersfield: KGFM 101.5 PG> to 6650w, 1299ft.
XC: 35-26-17 / 118-44-22

Brawley: KSIQ 96.1 to 294', CO: 32-57-12 / 115-30-05
Burley: KIBC 90.5 NC to 3 kW, 1456 ft but GX
Felton: KHIP 93.7 NO-RE
Kings Beach: KBCH 107.7 NW, SMN adult con. (8) (L.Tahoe)
Los Altos: KHQT 97.7 NC to 3.2 kW, CX
Merced: KXDE 107.7 FC to all Christmas music (would
expect another format change soon-gc), NW
Modesto: *NS 93.9 3 kW, 328 ft.
Monte Rio: KMGG 97.7 NC to 1750w., 1200ft, XC (CX)
Mt. Shasta: KEDY 95.3 PC> to 6 kW

California:

Oakdale: KDJK 95.1 FC to modern rock (Modesto)
Orcutt: KGDP 95.7 NC to 882 ft. (GE)
Quincy: KNLF 95.9 NO-RX
Riverside: KVAR 97.5 CC (ex KHTX)
Rosamond: K208CE 89.5 NS-62w(v): KHMS 88.5 CA
San Jose: KSJS 90.5 QC from 90.7, class A, PC> to
400 w, 406 ft
San Luis Obispo: KWQH 97.1 NO-RE (3rd)
San Pablo: K201BM 89.9 NS-10w(v): KECG 88.1 CA
Santa Barbara: KRUZ103.3 FC to soft AC
Santa Ynez: KAGA 105.9 NO-RX
Shaffer: KZBA 97.7 RA with "Z-Spanish" Mexican
regional format, CC (ex KBZB)
Sutter Creek: KRAZ 107.5 NO-CX (4th)
Turlock: KBDG 90.9 PC> to 780 watts
W. Pittsburg: KZWC1 92.1 NS-85w: KZWC Walnut Creek
Willits: *NS 91.5 600 w. 1820,
Woodland: KSFN 102.5 PC< to 16 kW, 417 ft,
CO: 38-35-20 / 121-43-40

COLORADO:

Avon: KZYR 103.1 NC to 13.5 kW but GE (2nd)
Holly: K203BW 88.5 NS-195w: KJIL 99.1 Copeland, KS
Kremmling: KPKM 106.3 PG< to 2.5 kW, 1026 ft, C3, XC
Silverton: *** 107.3 GA for class C
Strasburg: KAGM 102.3 NO-RE (2nd)
Trinidad: KCRT 92.7 NC to 15 kW, 1020 ft, but RE (3rd)
Vail: *** 95.3 dismissed amendment here

DELAWARE:

Seaford: WECY 98.3 FC to oldies // WSBY 98.9 MD

FLORIDA:

Apalachicola: *** 93.5 GA for class A
Big Pine Key: WWUS 104.7 PA: to 104.5 class C
Century: WKGT 105.1 NC to 25 kW (but RE)
Gainesville: WYKS 105.3 QC from 105.5, now up to
459ft, CO: 29-37-52 / 82-25-18
Graceville: WYDA 101.7 NO-GX (4th)
Key Colony Bch: WKKB 105.5 PA: to 101.3 class C2
Key West: WUNW 90.1 NO-RX (2nd)
Key West: WSKP 107.9 NW

WSJS 90.7

Florida:

Marco: WGUF 92.7 FC to jazz
 Mariana: WJAQ 100.9 PC> to 6 kW
 Naples: WSRX 89.5 NC to 20 kW but GE
 Naples: WNOG 93.5 PA: to 104.7 class A
 Orlando: WUCF 89.9 PC> to 4kW(h), 40kW (v), 194 ft.
 Palatka: WHIF 91.3 NO-RE
 Pt.Charlotte: WVJL 91.7 NC to 3.8 kW but RE
 Tampa: WUSF 89.7 NC to 72 kW, 941 ft. but GE
 Tice: WAAD 93.7 PA: to class C2 from class A
 Union Park: WEAZ 88.3 NO-RE

GEORGIA:

Adel: WDDQ 92.1 NC to 4.2 kW, 390 ft but RE (3rd)
 Douglas: WKZZ 92.5 NO-RE
 Smithville: WZIQ 106.9 NW
 Zebulon: WEKS 92.5 NO-GE

HAWAII:

Aiea: KGMZ 107.9 NW, with rock // KAOI 95.1 Wailuku
 Hali'imaile: KPMW 105.5 NW, Filipino ethnic programming
 address: 230 Hano Hwy, phone: 808/871-6251

Hilo: KPVS 95.9 NO-RE
 Hilo: KWXX 94.7 PC> to 100 kW, -758 ft.,
 CO: 19-47-02 / 155-05-25

Honolulu: KKLV 98.5 adds Mark & Brian show

Honolulu: KORL 99.5 NO

Kamuela-Honokaa: K276DX 103.1 250w: KAOY 101.5 HI

Kaneohe: KBLZ 104.3 NO

Kawaihae: KWYI 106.9 SG "Y-FM" (a/c format)

Lahaina: KLHI 101.1 FC to oldies

Lanai City: KONI 104.7 SG "Koni 104.7", with hot ad.con.
 MC: with Kihei

Paauilo: KNUQ 103.7 CC (ex KIUL), FC to adult. cont.

"Q103", MC: Kihei

Pearl City: KUCD 101.9 CC (ex KUPU), NO

Princeville: *** 92.9 GA for class C1

IDAHO:

Coeur d'Alene: KPVS 102.3 NO-CX-DE
 Rexburg: KRIKX 98.1 PC> to 100 kW, 564 ft., C1
 CO: 43-32-34 / 111-53-07

ILLINOIS:

Decatur: WNLD 88.3 NW
 Edwardsville: WSIE 88.7 PG< to 36 kW, 582 ft.
 E.St.Louis: WVRV 101.1 CC (ex WFBX), "The River"
 Effingham: W217AM91.3 NS-55w: WAFR 88.3 Tupelo, MS
 Galva: WHHK 102.5 CC (NS)
 Kankakee: W201AW 88.1 NS-120w: WAFR 88.3 Tupelo, MS
 Monee: WGNR 88.9 NW
 Mt.Vernon: WAJT 102.1 CC (NS)
 Spring Vly: WAIV 103.3 adds Major-talk

INDIANA:

Crawfordsville: WNDY 106.3 still SI, expected to return
 though to be variety, non-comm // WVXU 91.7 Cincinnati
 Jeffersonville: WQMF 95.7 PC< to 28,580w, 644 ft.,
 XC: 38-08-16 / 85-56-05

Kentland: *** 101.7 GA for class A

Richmond: WFMG 101.3 FC to adult contemporary

Spencer: WSKT 92.7 adds JSN "CD Country" (&)

Terre Haute: W220B91.9 NS-120w: WAFR 88.3 Tupelo, MS

IOWA:

Brooklyn: KSKB 99.1 NC to 99.3 50 kW but RE (2nd)
 Estherville: K221DO 92.1 NS-76w: KJLY 104.5 MN
 Grundy Ctr: KGCI 97.7 PC> to 16kW, 407 ft, C3
 CO: 42-23-28 / 92-31-57

Hampton: KRINQ 98.9 NO-RE (2nd)

Madrid: *** 96.1 GA for class A

New Sharon: KWCN 99.9 NO-RE

Sageville: *** 106.1 PA for class A

KANSAS:

Emporia: KGZF 99.5 NO-RE (4th)
 Horton: KERE 93.7 NW in January with country
 Quinter: K207BP 89.3 NS-232w(v): KJIL 99.1 Copeland

KENTUCKY:

Hawesville: WKCM 105.7 PA: to 97.1 class A
 Lexington: W241AB 107.3 NS-20w: WJMM 106.3 Nicholasville
 London: WYGE 92.5 NO-GE (2nd)
 Nicholasville: WLRO 102.5 CC (ex WCKU) "Arrow"
 Owingsville: WKCA 107.1 QG to 107.7 A-PG> to 3.5 kW, 371ft
 XC: 38-11-16 / 83-46-34
 Valley Strn: WQNF 105.9 PG< to 1264 w., 500 ft.,
 XC: 38-08-16 / 85-56-05

LOUISIANA:

Alexandria: K203BV 88.5 250w: WAFR 88.3 Tupelo, MS
 LaCombe: KPFX 94.7 NO-CX
 Lake Arthur: *** 107.3 GA for class C3
 Lafayette: K209BS 89.7 170w(v): KEAR 106.9 San Fran
 New Orleans: WRNO 99.5 FC to mostly 70's, "The River"
 Thibodaux: KLNO 90.5 CC (NS)

MAINE:

Madison: WHAA 97.5 NO-GE (5th)

MARYLAND:

Ocean Pines: WLFX 97.1 PG< to 4.6 kW, class A, DA

MASSACHUSETTS:

Orange: WFUB 97.3 NO-RE (4th)

MICHIGAN:

Bronson: WCVM 94.7 NO-RE (2nd)
 Hudson: WMXE 102.5 CC (ex WAHU)
 Manistique: W260AF 99.9 NS-6w: WHML 95.7 Marquette
 Midland: WUGN 99.7 NC to 99.7 ft, RE (3rd)
 Pentwater: WSAB 94.1 NO-GE (4th), XC
 Pickford: WADW 105.5 NO-RE
 Sandusky: WTGV 97.7 up to 325', CO: 42-23-28 / 92-31-57

MINNESOTA:

Blooming Prairie: KOWZ 100.9 CC (ex KJST)
 Duluth: W203AL 88.5 NS-7w(v): KEAR 106.9 San Fran.
 Hibbing: KADU 90.1 NW
 Marshall: K227AF 93.3 NS-250w: KKCK 99.7 Marshall
 Minneapolis: KTIS 98.5 PG< to 37 kW, 315 ft, XC
 Waite Park: KLZZ 103.7 NC to 25 kW, GX (2nd)
 Worthington: KITN 93.5 NW

MISSISSIPPI:

Greenwood: WGRM 101.9 PC> to 6 kW
 McComb: W213AO 90.5 NS-38w: WAFR 88.3 Tupelo, MS
 McLain: WXAB 96.9 NO-GE
 Olive Branch: WRXO 95.7 CO: 35-04-25 / 89-51-27
 Tupelo: WAJS 90.9 CC (NS)

MISSOURI:

Branson: KLFC 88.1 262ft, CO: 36-33-06 / 93-14-17
 Buffalo: KBF 99.9 PA to change: class A to C3, this
 ties in with the KHST Lamar, MO proposal
 Camdenton: KCVO 91.7 announced list of translators:
 K201AA 88.1 Bolivar, K207AY 89.3 St.Robert (Fort
 Leonard Wood area), K208BO 89.5 Warsaw (Truman
 Lake area), K209AP 89.7 Sedalia, K211AC 90.1 Jeff
 City, K213AG 90.5 Rolla, K225AB 92.9 Knob Noster/
 Warrenton, K247AB 97.3 Blue Springs/K.C., and
 K248AA 97.5 Prairie Home/Boonville/Columbia

Jefferson C: KTXY 106.9 FC, moving towards hot AC
 and using the "Y107" slogan, rumored to perhaps be
 going country, with hot ac moving to 94.1 California, MO

Lamar: KHST 99.9 PA to change to 101.7 A

Memphis: K218BU 91.5 NS-250w: WAFR Tupelo, MS

Neosho: KNEO 91.7 QC from 91.5, class A, PC> to
 2750 w., 374 ft, XC: 36-52-49 / 94-26-59

Pt.Lookout: KSMS 91.7 CC (ex KCQZ)

Poplar Bluff: KZMA 103.5 NO-GE (4th)

Missouri:

Richmond: KAYX 92.5 RA with religion // KCCV 92.3
Olathe, KS (serving eastern reaches of K.C. market)

Rolla: KQMX 94.3 QG to 97.5, 6 KW, 292 ft.

St. Louis: KLOU 103.3 SG "Oldies 103"

Warenton: KFAV 99.9 FC to classic hits, still "V100"

MONTANA:

Darby: K218BT 91.5 NS-36w: KILA 90.5 Las Vegas

Great Falls: KMON 94.5 NC to 48 KW, 1931 ft, XC: CX

Havre: KNMC 90.1 PC> to 380w., 728 ft. clas A
CO: 48-32-31 / 109-41-17

NEBRASKA:

Auburn: KCOE 105.5 PG> to 6 KW, 328 ft, XC

Grand Is: K211CJ 90.1 NS-250w(v): KEAR 106.9 San Fran

Lincoln: KFBN 88.5 NO-RE (2nd)

N. Plate: KJLT 94.9 PC> to 100 KW, 754 ft, XC:
40-59-49 / 100-52-47

Omaha: KKCD 105.9 PC> to 50 KW, 478 ft, C2, XC:
41-12-04 / 95-57-12

Sargent: KNJP 92.1 NO-RE

W. Point: NC to 100 KW, 548 ft, but RE (2nd)

NEVADA:

Gerlach: KGLH 91.5 NO-CX-DE

Indian Sp's: KPXC 99.3 NO-RE (5th)

Las Vegas: KOMP 92.3 NC to 23 KW, but GE (5th)

Pahrump: KFBI 107.5 increase to 3736 ft.

NEW HAMPSHIRE:

Campion: WVF105.7 NO-RE (6th)

Manchester: WLMW 90.7 NO-RE (2nd)

NEW JERSEY:

Branchville: W297AC 107.3 NS-on the air (WAWZ 99.1

Zarepath, NJ), note-107.3, NOT 105.7

Bridgeport: WNJB 89.3 NO-RE (3rd)

Hackettstown: W284AF 104.7 NS: 10w: WRNJ 107.1 NJ
has been noted on the air

Pleasantville: WMID 99.3 NC to 3 KW, but RE

NEW MEXICO:

Alamogordo: *NS 103.7 NO-GX

Belen: KARS 97.7 NC to 100 KW, GX (4th)

Hobbs: KOKN 102.9 NO-GE (3rd)

Socorro: KRRA 92.9 NO-RE (2nd)

NEW YORK:

Buffalo: WGRF 96.9 NC to 22.4 KW, 712 ft. but RE (5th)

Canton: WXQ2 101.5 NO-GE (4th)

Coming: W273AC 102.5 NS-25w: WOKN 99.9 Southport

Cortland: WILI 99.9 CC (ex WYYS), FC to adult
album alternative (AAA), "I-100" slogan (Ithaca)

Henrietta: WBER 90.5 NC to 50 KW, DA but RE

Middletown: W295AA 106.9 noted on air (x WRWD 107.3)

New York: WQCD 101.9 NC to 6.2 KW, 1355 ft,
CO: 40-44-54 / 73-59-10

New York: WRKS 98.7 PC> to 6 KW

NORTH CAROLINA:

Durham: WNCU 90.7 NO-RE (3rd)

Harker's Is: WAED 100.3 NO-RE

Hatteras: WYND 97.5 NO-GX (4th)

Ocracoke: WAHL 92.9 NO-RE

Raleigh: WCPX 89.7 up to 1187 ft, DA, class C

Tabor City: WYNA 104.9 GA: to 104.9 C3, CL: Calabash, NC

Waxhaw: WLWW 106.1 NO-GE (3rd)

Williamston: WCBZ 103.7 FC to classic rock

Wilmington: WKQK 90.5 NO-RE (2nd)

NORTH DAKOTA:

Fargo: KFNW 97.9 NC to 1000 ft., but RE

OHIO:

Greenfield: WVNU 97.5 PG> to 3,250 watts

Millersburg: WKLW 95.3 granted change DA to non-dir.

Reading: WMVK 89.3 NO-RE

Richwood: *** 104.3 GA change: from class A to B1

Union City: WTGR 97.5 NW

Van Wert: *** 93.9 GA for class A

Zanesville: WCVZ 92.7 PC> to 16 KW, 407 ft, B1

XC: 39-42-52 / 82-04-10

OKLAHOMA:

Bixby: KJMM 105.3 NW, with urban (Tulsa market)
CC (ex KRMP) "Jamm", runs Tom Joyner show

Broken Arrow: KCMA 92.1 FC to 70's oldies (Tulsa market)

Idabel: KBEL 96.7 CX for 25 KW

Lawton: KMZG 95.3 NC to 6 KW, 302 ft but GE (4th)

Magnum: *** 97.7 GA for class A

Roland: KYUC 92.3 NO-RE (3rd)

Stillwater: KXPX 105.5 CP (listed as new, I think that this
should read ex: KGFY-gc)

Tishomingo: KTSF 106.3 NO-GX (5th)

Woodward: K300AH 107.9 NS-115w: KREJ 101.7 KS

OREGON:

Bandon: *NS 96.5 7.5 KW, 590 ft.

Coos Bay: KDCQ 93.5 CC (NS)

Coos Bay: K219CK 91.7 NS-23w(v): KEAR 106.9 San Fran

Enterprise: K202BZ 88.3 NS-10w: KMFI 107.9 Spokane, WA

Eugene: KSKD 1107.1 NS-250w(v): KSKD Sweet Home

Redmond: KSJJ 102.9 up to 886', CO: 44-02-48/121-31-53

Springfield: KQFE 88.9 PG< to 750 w.

PACIFIC ISLANDS:

Garapan: KPXH 100.3 NO-RX (2nd)

Is. of Saipan: *NS 88.1 1.8 KW, 125ft. N. Mariannas College

PENNSYLVANIA:

Bradford: W257BA 99.3 NS-8w: WQRM 106.3 Smethport

Kane: WPSB 90.1 CC (NS)

North East: WRKT 100.9 NC to 4.2 KW, 797ft, DA but GE

Salladasburg: WFRY 95.5 RA with news-talk // WRAK 1400
(see Williamsport 107.9's silence)

Sellersville: WBYO 88.9 NC to 900w but GX

Williamsport: WRAS 88.1 PC> to 494w,

XC: 41-14-11 / 77-1-32

Williamsport: WRAK 107.9 SI (format moves over to 95.5)

PUERTO RICO:

Ponce: WTPM 192.9 NS-3880w: WTPM Aguadilla

RHODE ISLAND:

Providence: WELH 88.1 NO-GE (2nd)

SOUTH CAROLINA:

Greenwood: WSCZ 96.7 adds SMN Country (&)

Moncks Corner: WJYQ 105.5 NC to 105.3, but RE (3rd)

SOUTH DAKOTA:

Aberdeen: K219CM 91.7 NS-29w: KTSD 91.1 Reliance

Dell City: *** 95.7 PA to add class C3

Pierre: K241AF 96.1 NS-27w: KTSD 91.1 Reliance

Rapid City: *** 106.3 PA to add class C

Sisseton: KSWS 88.3 NW

Spearfish: KBHU 89.1 NC to 11 w, -348 ft but GX

Vermillion: KVHT 106.3 NC to 50KW, 410 ft, RE (2nd)

Volga: KKQZ 102.3 PC> to 25 KW, 243 feet.

TENNESSEE:

Centerville: W255AF 98.9 NS-10w: WNAZ 89.1 Nashville

Cookeville: WWOG 90.9 NW, southern gospel // WTHL

90.5 Somerset, KY

Kingsport: WPGB 88.3 NO-RE (3rd)

Momertown: WMXK 95.9 PG< to 920 w, 817 ft, XC: 36-13-42 /

83-19-57 (This was noted to have moved to 95.7 tho-gc)

Shelbyville: WYQZ 102.9 GX for 820 ft. height



TEXAS:

Abilene: KFXJ 92.5 NO-GE (4th)
 Abilene: K217CB 91.3 NS-250w; WAFFR 88.3 Tupelo
 Beeville: KTKO 104.9 NC to 105.7 & 25 kW, GE (2nd)
 Bells: *** 92.9 PA for class A
 Crystal Bch: KTKX 101.5 NO-RE
 Denton: KDZP 99.1 FC to Spanish reportedly coming
 Friona: KGRW 94.7 NW
 Hutto: KIKY 92.1 RA with country
 Pecos: K217CC91.3 NS-10w: WAFFR 88.3 Tupelo, MS
 Pt. Comfort: KAJI 94.7 CC (NS)
 Rosenberg: KMPQ 104.9 FC to regional Mexican format
 // KLTN 93.3 Port Arthur

San Saba: *** 97.1 GA for class A

Tyler: K243AE96.5 NS-99w: KTKX 96.1 Kilgore

UTAH:

Centerville: KUMT 105.7 NC to 25.5 kW, XC, but GE

VERMONT:

Rupert: WMVN104.1 NC to 2.6 kW but RE (3rd)

VIRGINIA:

Alberta: *** 103.1 GA for class A

Bridgewater: WAMM105.1 PC< to 6kW, 328 ft.

Harrisonburg: WMRA 90.7 PG< to 10.5 kW, 1046 ft.

Hot Springs: WBHA107.1 NO-RE (4th)

Mechanicsville: WCDX92.7 NC to 92.1, 4.5 kW but RE (2nd)

WASHINGTON:

Dishman: KWQL 106.5 NO-GE (2nd)

Naches: KYKA 96.9 adds SMN oldies (&) (Yakima)

WEST VIRGINIA:

Fisher: *** 103.7 GA for class A

Princeton: WAEY 95.9 PC< to 480w/1141', XC- RE (3rd)

•• Thanks this month go out to Doug Smith, Matt Sittell, John Lentz, Scott Fybush, Bill Hale, Tim Noonan, Paul Mount, Rick Shaftan, Bruce Hall, Mike Lazaro, Saul Chemos, Paul Swearingen, and of course the people at M Street Journal! Also, thanks go out to Mike Lazaro, George Greene, Doug Smith, and Matt Sittell for sending in logos!

•• Rick Shaftan has noted a translator of Philly's WXPN 88.5 on 104.9, coming in the best in a northerly direction. Not sure what this is, but I will keep you posted if I hear anything!

•• Good to see that there will be a 1995 WFTDA Convention-in the Boston metro area. I would like to thank Peter George for offering to host the event, and I am sure that he will do an excellent job! Looking forward to attending if my schedule permits!

•• Paul Swearingen sends in an article from the *Topeka Capital-Journal*, concerning the debut of a new FM radio station in that market. The article deals with the sign on of KQTP 102.9 St. Marys, Kansas recently. (The article does not mention it, but M St. Journal lists its sister as being country KTPK 106.9- with KQTP being owned by Shawnee Broadcasting Corp.) The format is oldies, with a power of 50 kW. According to station manager Lou Constantino, the station features "a format of top-40 songs from the 1950s, 60s, and 70s" and will be on the air 24 hours. Constantino claims that oldies is such a huge format around the country because "One thing about oldies, everybody likes oldies" (I might beg to differ on that, hi-gc).

WISCONSIN:

Appleton: WEMI 91.9 CC (ex WAAU)
 Brookfield: WLJU 106.9 NO-but WFMR 98.3 (classical) has purchased this station-maybe it will be classical?
 Dickeyville: *** 101.1 PA for class A
 Eau Claire: WHEM 91.3 NO-RE (3rd)
 Iron River: WNRX 107.3 NW, soft adult contemp.
 Ladysmith: WLWD 93.1 PC< to 4850w., 358 ft.
 CO: 45-27-59 / 91-07-23

Madison: WIBA 101.5 dec to 1013 ft. XC: 43-03-21 / 89-32-06 (I assume the soon-to-be Madison tower farm-gc)
 Madison: WERN 88.7 PG< to 21.5 kW, 1264 ft, DA
 XC: 43-03-21 / 89-32-06 (see WIBA 101.5 comments)
 Menasha: WAAU 100.3 CC (ex WEMI)
 Stevens Pt: WMGU104.9 NC to 25 kW, CL: Marathon, WI but GX (2nd)

WYOMING:

Kemmerer: *** 107.3 GA for class A
 Rock Spgs: KUWZ 90.5 NW
 Thermopolis: *** 98.3 GA for class A

CANADA:**BRITISH COLUMBIA:**

Nanaimo: CKWV 102.3 NW, on air with soft rock format and "The Wave", replacing CHUB-AM 1570

ONTARIO:

Orangeville: CIDC 103.5 FC to dance format "Hot 103.5" (co-owned with CING 107.9 Burlington "Energy 108" Hot 103.5 will hope to bring their format a cleaner signal into Metro Toronto North, but no simulcast expected.



He expects to draw ratings from the "four strong radio stations in Topeka" (the top 4 ratings getters listed in M St. are A/C KMAJ 107.7-15.1, C&W WIBW 97.3-14.4, C&W KTPK 106.9-11.5, and news/talk WIBW-580-6.8). He also expects to draw audience from "a Kansas City oldies station" (presumably KCMO 94.9), but does not feel that the market is too saturated for the format. The target audience is listeners in the age 35 to 49 range. Paul adds that the KQTP calls are only used on the hour, with a non-ID of "Oldies 102.9", with a multi-city legal ID, but always including the city of Topeka.

•• Mike Lazaro sends in the radio column "Fine Tuning" by Keith Marder, from the 12/28/94 edition of the *Albany, NY Times-Union*. The article deals with the changes reported in the Jan. column at WKOL 97.7 Amsterdam, NY, which had recently been satellite delivered adult contemporary. In December, with much fanfare, the station adopted an "All Christmas music" format. But that did not last long, as on noon Christmas Sunday-after playing "The Messiah", they changed to their new format of all classical, and a "W-Bach" slogan. (So there may be a pending call change). They hope to focus on familiar classical music, from artists such as Beethoven, Bach, and Brahms, and things like the "1812 Overture". The station manager, Neal Hunter, claims that the attempt at Christmas music was legit, but Marder, and I as well, am skeptical that it was probably a publicity stunt (which has been tried before).



EDITED FOR THE WTFDA AND "VHF/UHF DIGEST"
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Whoever made the statement that truth is a thousand times stranger than fiction must have known about the 1961 version of the late news at KXGN-tv. Although 35 years have clouded the memory cells a bit, what you're about to read is true...perhaps embellished a bit for dramatic flair, but basically an accurate verbal picture of a most unorthodox radio and tv operation.

ONE MAN SHOW

It's late summer of 1961. The locale is Eastern Montana. Your editor and two co-workers from CJOB in Winnipeg are winding up a marathon two week vacation that had taken us to Vancouver, San Francisco, Los Angeles, Tijuana, Salt Lake City and Yellowstone Park; and in another 12 hours, back to Winnipeg. Our goal had been to see the sights of the west, visit some radio and tv stations, and mooch accommodations from relatives to keep the cost down.

In all respects the trip had been a great success. We accomplished exactly what we'd set out to do and were armed with several hours of mircheck tapes and lots of 35mm color slides to prove it.

We had visited the likes of CKNW, CHQM, CKWX, KNBC (now KNBR) and KFI. There was even a quick stop at XEC in Tijuana (where the brightness of a light bulb determined correctness of transmitter adjustment). Thus, it seemed anticlimactic to even consider a stop at KXGN AM-TV in Glendive, Montana...but we did...and it was a real eye-opener!

As we rolled through town on U.S. 10 the last rays of sunlight drew our attention to a one bay 'bat-wing' antenna roof-mounted on a one story building. We knew this was a small operation...but...! A thorough investigation now seemed mandatory!

Undeterred by the locked front door, we managed to find an open entrance at the rear of the building. As we entered, we spotted a guy loading slides. After introductions he very courteously showed us around. The tour didn't take long...it was a small operation.

The RCA tv transmitter was snuggled up against the back wall of what also served as the tv master control room. There was a film chain with a couple of 16mm projectors and a drum-type slide projector. On the wall opposite the transmitter was a rudimentary audio/video switching console. Nothing fancy here...no special effects, no fades, no wipes. According to our host they just "...punched 'er up and let 'er rip."

Every now and then the fellow would excuse himself and duck into what appeared to be some sort of audio production facility. We were surprised to find out that the little cubbyhole was the AM side of the operation. Oh...sure it was small, but they had mike jacks in the 'big' tv studio...and even originated live talent programs...with real live musicians!

By now it was beginning to dawn on the three of us that the fellow who was showing us around was the only person in the building. That meant that he was in charge of both the AM station on 1400 and channel 5, KXGN-tv. Accustomed to larger operations like the CBC (where it took at least 2,784 people to do one person's work) we were flabbergasted!

But the biggest surprise was yet to come! About 9:45 PM our host told us that he was coming up on a busy period and would have to leave us on our own. We were welcome to stay...and we did! The local newscast at 10 o'clock was a sight to behold. I only wish that camcorders had existed back then, because what I'm about to describe almost needs visual proof to be believed. Trust me...it did happen...I saw it!

In the 15 minutes prior to news time, our Montana broadcast acquaintance loaded film reels onto both projectors, then pulled a handful of slides, loaded the drums, and left the remainder in a neat stack next to the machine. Next came a quick trip into radio where a pre-recorded long play tape was loaded to replace the syndicated show that had been airing from a vinyl disc.

This was one busy man!

We kept expecting a newscaster to come rushing in at the last minute (news people have a tendency to run late, you know) but as 10 PM neared it became apparent that our host was indeed a one man show. Yes, he was the radio announcer, the engineer, the projectionist, the master control operator, the lighting director; and was about to put on some more hats as he became tv newscaster and camera operator.

A rather plain backdrop on wheels was rolled into place between the film chain and the control panel. It served a dual purpose...to mask noises from the film equipment...and act as backdrop for the announcer. The guy donned one of those Electro-Voice lavaliere mikes about the size of a bratwurst sausage and sat down on a stool in front of the controls.

The flip of a couple of switches flooded the area with enough light to do open heart surgery...and revealed the remote controlled vidicon camera in the 'big' studio. The camera was set to shoot through the large window into the control room; and our busy beaver was now panning and tilting with a joystick remote on the console to get himself centered in the picture (a tight shot that cropped out equipment, lights, etc.).

The $\frac{1}{2}$ hour film program was ending...an ID slide was punched up...our host keyed his mike and gave an ID...mike off...slide change...mike on for live news intro...punch up live camera...look at camera...start reading news copy stacked on top of the control console.

About 3 minutes into the newscast there was a commercial break. The fellow rolled film spots which had been spliced together in the proper order and separated by white leader. While the film rolled, he hopped off the stool and darted back to reload the slide drums. A couple of minutes later he was back on the stool...on camera...and forging onward with more news. 10:09...another break...another trip back to re-cue film...back on the air with weather and sports. It seemed like it had been an eternity, but just 15 minutes after it had started the news slide re-appeared on the screen and the newscast was over. The Kleig lights were doused, the camera shut down, and film was rolling for the "Late Show".

As spectators, we were exhausted...and we hadn't done anything but watch! What this guy had gone through in 15 minutes was simply mind-boggling. Not only was it an almost impossible task...he'd done a credible job of news reporting...without a single technical glitch.

We had stayed longer than planned, and by 10:30 goodbyes had been said and we were back on the road...listening to KXGN. Was it live, or was it Memorex? More likely a small miracle in a small Montana prairie town.

In reflecting back on this unlikely scenario of nearly 35 years ago I've often wondered if our KXGN star made a penny over minimum wage. Maybe, as he must have had a first class ticket to operate the transmitters...but whatever his salary, it wasn't enough.

One other question that went unanswered was the origin of the news copy. Surely there must have been other people around during office hours, and I suppose the copy was written by one of them. So much for late-breaking stories (I never did see anything that resembled a newsroom).

Today, KXGN-tv is still alive and well in the smallest market (ADI) in the U.S. It is owned by WBKB-tv in Alpena, MI; the next-smallest market. Now they have videotape and satellite feeds and color...and hopefully...more than one person running the place during the night shift.

EASTERN TV-DX

February 1995

Stephen West
26 Dougherty Blvd. G-8
Glen Mills, PA 19342

(610) 358-2648

Deadline: 5th

Only a few reports this month, with good tropo conditions continuing this winter. Very little skip was reported. A very unusual winter for DX and weather this year.

Jeff Wolf, 2217 Drury Road, Silver Spring, Maryland 20906

December 1994

22 tr 2201 WHP-21 PA
WHIM-27 PA
WLVI-39 PA
WFMZ-69 PA
2213 WNEP-16 PA
WYBE-35 PA

December 1994

22 tr 2216 WYBE-35 PA
2225 WIVE-51 PA
WBRE-28 PA
2243 UNID-23 OH (t)
WITF-33 PA
WVIR-29 VA **strong!**

Most loggings are new, due to starting totals at the new location.

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

Equipment: Sears 19" color stereo TV; Archer VU-160 for VHF; RS corner-reflector for UHF. with CM-7475 preamp.

December 1994 DX

4	Tr	1928 KSPR-33	MO	(329)	11 Tr	1911 <u>WEFT-39</u>	TN	(244)
5	Tr	0003 KAIT-8	AR	(217)		<u>Note #2</u>		
		KTXH-20	TX	(677)		1928 WSBN-47	VA	(249)
		KVVV-57	TX	(680)		1937 WGNX-46	GA	(236)
		KRIV-26	TX	(677)		<u>Note #1</u>		
0026		KARD-14	LA	(415)		2021 WLTV-27	MS	(212)
		KTHV-11	AR	(323)		2031 <u>KASN-38</u>	AR	(319)
		KNOE-8	LA	(406)		2035 WMTU-16t	TN	
0042		WMAV-18	MS	(207)		<u>Note #3</u>		
		<u>KDEF-B-27</u>	MO	(328)		KTFJ-19	AR	(208)
0045		KMSS-33t	LA			2046 WMAV-18	MS	(207)
0056		WLOV-27	MS	(212)		2109 KARD-14	LA	(415)
0115		KLTJ-22	TX	(680)		WBMG-42	AL	(201)
1005		WTTO-21	AL	(201)		WFIQ-36	AL	(131)
		WHSG-63	GA	(252)		2329 KAIT-8	AR	(217)
1009		<u>WJSU-40</u>	AL	(200)	12 Tr	0158 KOIR-10	MO	(329)
		WBMG-42	AL	(201)		WTVA-9	MS	(212)
1018		WHNO-20t	LA			0750 WICS-20	IL	(268)
1023		<u>WGNO-26</u>	LA	(472)		WRSP-55	IL	(268)
		WGNX-46	GA	(236)		0800 WGRB-34	KY	
1040		KNOE-8	LA	(406)		<u>Note #4</u>		
1059		WJSP-28	GA	(279)		0849 WKOH-31	KY	(101)
7 Tr		0007 WJSU-40	AL	(200)	15 Tr	0029 WTTO-21	AL	(201)
0008		<u>WSST-55</u>	GA	(361)		WBMG-42	AL	(201)
		WHSG-63	GA	(252)		0930 WKZX-28	TN	(98)
		WVEU-69	GA	(236)	17 Tr	2015 WMC-5	TN	(175)
		WGNX-46	GA	(236)		2032 WLTV-27	MS	(212)
		<u>Note #1</u>				WMAV-18	MS	(207)
0014		<u>WTLK-14</u>	GA	(181)		2127 WSTR-64	OH	(238)
0016		<u>WLTZ-38</u>	GA	(298)		2131 WTVA-9	MS	(212)
		WABM-68	AL	(202)		2132 KARD-14t	LA	(405)
		WMGT-41t	GA			2133 KRIV-26	TX	(677)
0059		<u>WCov-20</u>	AL	(283)		2150 W57BV	AL	(131)
0100		<u>WATI-36</u>	GA	(236)		<u>W53AE</u>	MS	(146)
0105		WALA-10	AL	(395)		2200 WMAO-23	MS	(286)
0110		<u>WAKA-8</u>	AL	(293)	21 Es	1006 unIDs to 89.7 FM.		
0114		<u>WXIA-11</u>	GA	(239)				
0251		<u>WMAZ-13</u>	GA	(321)				

(Continued)

Doug Smith (continued)

December 1994

24 Tr	1012 KARD-14	LA	(415)	(again!)
	1020 WTVA-9	MS	(212)	
	1020 WTTO-21	AL	(201)	
	1934 WICS-20	IL	(268)	
	WRSP-55	IL	(268)	
	2001 <u>WTJP-16</u>	IL	(338)	legal ID
	<u>WTVP-47</u>	IL	(322)	
	2059 <u>KYOU-15</u>	IA	(422)	Fox 15, legal ID
	2107 <u>KHQA-7</u>	(IL)	(338)	
	2109 <u>WGEM-10</u>	IL	(337)	
	2113 KSPR-33	MO	(329)	
	2147 KOZJ-26	MO	(415)	
	2147 <u>KOZK-21</u>	MO	(329)	// above
	2200 <u>KRCG-13</u>	MO	(317)	local news
	2221 <u>KOMU-8</u>	MO	(331)	local news
	2359 KPLR-11	MO	(230)	
25 Tr	0130 KETC-9	MO	(232)	
	WHSI-46	(MO)	(232)	
25 Es	1101 unID ABC-2 o/WKRN: reached ch. 4 at 11:30 but gone by noon.			
26 Tr	0900 WFYI-20	IN	(246)	
	WHMB-40	IN	(246)	
	WXIN-59	IN	(246)	
	WIIB-63	IN	(214)	
	0930 <u>WMCC-23</u>	IN	(266)	
	<u>WCLJ-42</u>	IN	(214)	

Note 1: On Dec. 7, WVEU was airing a CBS movie w/network promos, but WGNX aired a 2-minute promo for their upcoming CBS affiliation. On Dec. 11, WGNX was seen with CBS, on their first night as an affiliate.

Note 2: Local WHTN-39 off for two days.

Note 3: With Fox programming. WMTU used to be a 100% satellite of (non-Fox) WLMT-30. I wonder if it now carries some Fox? Not much else makes sense here.

Note 4: No longer relays WKNT-40, but it's still a Fox affiliate.

William R. Hepburn 35 Lockwood Rd. Brampton ON L6Y 4T7 CANADA

Rcvr: Panasonic PC-29XF40R TV, JVC HR-D630U VCR & Icom IC-R100 Rcvr
Ant: attic VHF dipoles & 2nd floor UHF 4-bay

NOVEMBER 1994 (EST)

11 TR	2359 WNDU-16	IN	357
12 TR	0022 WANE-15	IN	328
	0257 unid ATV #425.75		
20 TR	1144 WANE-15	IN	T
	1159 WNDU-16	IN	357
	1201 W39AQ-39	OH	T (# offset)

DECEMBER 1994

21 TR	0036 WANE-15	IN	328
	0037 WFLD-32	IL	T
	0039 SBn 16.46	IN	T
	0358 WTJC-26	OH	334
	0402 unid ATV aud 425.75		
24 TR	1957 WNDU-16	IN	357
	2007 WANE-15	IN	328

DECEMBER 1994

26 TR	0538 W14AH-14	NY	223
	Binghamton (TBN)		
27 TR	1850 WCET-48	OH	398
	1854 FWa 15.21,33,39	IN	328
	1855 WTJC-26	OH	334
	1856 Day 16.22,45	OH	357
	1857 W60BJ-60	OH	T (- offset)
	1858 (WSTR)-64	OH	398
	(ex-WIII)		
	1900 WTVQ-36	KY	458
	Lexington		
	1904 WKMR-38	KY	424
	Morehead		
	1907 Lou 15.32	(IN)	483

DECEMBER 1994

27 TR	1910 WKZT-23	KY	T
	WKYT-27	KY	T
	1911 WTIU-30	IN	468
	1912 WNIT-34	IN	356
	1924 WPBY-33	WV	379
	Huntington-Charleston		
	1948 WKOI-43	(OH)	381
	1951 WTFS-61	(WV)	387
	Ashland KY		
	2010 WTAP-15	(OH)	312
	2011 WOUB-20	OH	325
	2027 WQED-13	PA	222
	Pittsburgh (u/CKCO)		
	2321 WFYI-20	IN	421
	Indianapolis		
	2327 WKON-52	KY	441
	(s/off)		
	2329 WPTO-14	OH	385
	2332 WPBO-42	OH	T
28 TR	0010 WFTE-58	IN	T

NOTES: 1. W14AH Binghamton was + offset.

2. WSTR-64 IDs as "Star-64".

3. WEST VIRGINIA becomes State # 35 for me! (I have often received WTAP-15...but its xmtr is in Ohio). WPBY-33 IDs as "West Virginia Public Broadcasting".

4. WTSF-61 IDs as "Christian Television". Local religious programming.

5. WPTO-14 now has a separate ID from WPTD-16.

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY NY 13041 (ELT)

Equipment: Receiver - Panasonic CT-11108
Antenna - 4-Bay Bowtie at 40' AGL
Preamp - Wineguard AC-4990

No new stations logged since last report (10/92!) thru 1993:
TV DX for 1994 follows: * = new to log.

JULY 1994

28 Tr 0006 *CKWS1-66 ON //CKWS-11

OCT 1994

15 Tr 2013 *W39BC-39 NY 139
2315 *WANE-15 MI 484

2215 *CIIITV22-22 ON 332 GTN

16 Tr 0028 *WPTA-21 IN 484 21 Alive
0039 *WINM-63 IN 464 TBN

Relogs: MI-23/25/28/38/56/66 OH-27 IN-63



DEC 1994

26 Tr 2100 *WTLJ-54 MI 511 TBN
2316 *CBOT1-59 ON 171 CBC

2321 *CBLNTV1-56 ON 220 CBC

27 Tr 0005 *W14AH-14 NY 70 TBN
0019 *CBLFT15-34 ON 220 FFC
0025 *CFMT2-60 ON 159 //CFMT-47
0030 *CBOT2-19 ON 180 CBC

Relogs: ON-Many TVO/GTN/CBC-FFC MI-14/35/66



1994 Es noted on 4/30-MO/LA, 5/17-NF, 5/23-TX/OK, 5/29-FL, 6/9-FL/AL, 6/10-LA, 6/11-AL/GA/FL/OK/MO/KS, 6/12-FL/LA/GA/LA/TX/OK/KS, 6/21-FL/TX/LA/MS/AL, 6/25-KS, 6/26-NE/AL/MS/LA, 6/27-FL/TX, 6/29-OK/MO/TX/LA, 7/1-SD, 7/3-TN/TX, 7/4-TX/LA/MS, 7/9-OK/TX, 7/10-UNID, 7/13-KS/MN, 7/16-TX, 7/19-MS/TX/AR, 8/19-OK/AR/MO, 12/21-AR/TN.

It was a banner year for Es!

Anybody have TV station lists affiliated with the following?:
CHA, HSN, TBN, JBN. It would help on LPTV UNIDs during Tropo CX.
Totals now up to 353. Happy New Year! 73 - Fred.

Richard Contone, 162-07 87th Street, Jamaica, New York 11414

"A lot of QRM at this QTH recently. I constructed an active filter which cut down the interference problems so far, especially UHF. Splatter on VHF TV is the worst.

CALVIN AND HOBBES

by Bill Watterson



THANK YOU FOR THE ARTIFICIALITY OF QUICK SOLUTIONS AND FOR THE INSIDIOUS MANIPULATION OF HUMAN DESIRES FOR COMMERCIAL PURPOSES.



CALVIN AND HOBBES
courtesy of Bill Watterson/
Universal Press Syndicate

Thanks to:
Jeff Kadet, Macomb

WESTERN TV-DX

February 1995

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4541

e-mail frank@sneaky.sri.com
(415)851-7031

I'm new to this column. If you haven't noticed, it has been on hiatus the past few months, and most of what I'm presenting this month is material sent to the former editor, Fred McCormack. Thus, most of the material is "old news", and I hope you readers will excuse me under the circumstances. I do feel a debt to those of you who have labored many hours to collect these loggings.

I do hope to catch up within a month or so, and would appreciate receiving frequent short logs (say once or twice a month) rather than compilations of a whole season. You may send logs by mail to the address above, or by e-mail to the Internet address. The telephone number given has been taken over by my daughter's answering machine—don't be intimidated, just speak up at the beep. I'm not sure if I'm still reachable by packet radio, my call is K6FV and I was registered to NOARY. Oh yes, if your listings are on a computer, I can read IBM and Mac disks of 1.4M and below.

I also must apologize for the change in format and small print. You wouldn't believe the problems I've had trying to create 8½" X 12½" pages with my HP LaserJet and WordStar (and these fonts). When the number of listings falls, I'll make the print bigger—but I'd like to keep the column to five pages or less. This month our format is two columns, and there may be one or two successive loggings per column line. If two, they are separated with " | ".

The usual order of information in the loggings is time, call letter, channel, and distance in statute miles. Times are local daylight or standard (depending on the date). I've printed it, if it was given. I'd just as soon use UTC and kilometers, but I'd better not press it. Fred McCormack filled in (or suggested) calls for some of the unknown stations. At the present time I am unable to do the same.

New entries are underlined. A "\$" signifies stereo. A "t" after the call sign signifies a tentative identification. I haven't figure out what @ in front of the call means. The station or network being carried on a translator usually appears in parentheses after the listing.

I am a research engineer specializing in radio wave propagation. I also publish The 50 MHz DX Bulletin and the Sanyo PC Hackers Newsletter. Some of the Es TVDX listings may also be published in the 50 MHz DX Bulletin.

Dennis Park Smith, 3703 Dixon St, Santa Barbara, CA 93105-2419 (805)687-7803 PDT/PST

Equipment: Sears 9" B&W semiportable Model 564.5001000 (tube) with rabbit ears and bow-tie

Report is for September through December 1994. No skip was seen during this time during the odd times that I checked. The tropo path to San Diego/Tijuana (175-200 miles) was consistently good in the first half of September, as it had been during much of the summer, but was up and down in the second half of September. XHBJ-45 Tijuana was seen, though, which hasn't been seen for a couple of years, at least. I thought that perhaps it had gone off the air, but it was in a little, this time with less strength than others that have been consistent, such as the San Diego UHFs as well as XHAS-33 Tijuana. I wonder if XHBJ has lowered its power. It still has its music-video format.

Then, from October through December, the tropo has been infrequent at best, which is typical at this time of the year. In December, there were parts of a few different good days, though, which gave me a look at two new stations on the air. They are both Spanish, on channels 21 and 27, both possibly Tijuana-based. I haven't had time or opportunity yet to check call letters and programs/networks.

I saw the article "Lightning and E-Skip" by Larry Curcio in the June 1994 VUD, and a comment about it in Southern FM-DX in the September 1994 VUD. The article was about signals received by Es (sporadic-E propagation, what we informally call "E-skip") from locations where violent, and particularly electrical weather also is. The comment was that, logically, such storms and Es patches should be at the path midpoint, with the article perhaps being "off the wall?" Maybe. Maybe not. I have myself received signals from areas where violent weather such as tornadoes watches/alerts are, as well as being in locations where there is violent weather and skip noted at the same time from elsewhere. This is more than coincidence. There is much that is yet to be learned about how Sporadic-E propagation works. Any possibilities shouldn't be dismissed, even if they don't seem to make "traditional" or logical sense.

Best of DX to all!

Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE 68144-3543

August 1994
27 tr 0700 K33AB 33 IA ? IPTW Sibley, IA
0702 K20AD 20 MA 168 ABC (Worthington?)
0714 KTTW 17 SD 163 Fox
0728 K15EB relay for KTTW/KTM Huron,
Sioux Falls
Other Northern Iowa stations seen in full living
color. 14, 21, 24, & 27.

Keith K. Smith, 3924 Sims Ave., St. Ann, MO 63074-1926

September 1994 CDT
5 tr 2323 K60UT 15 IA
KLJB 18 IA (over K18BT)
WNEC 22 IL
KJMH 26 IA
19/25/31 Peoria
WTVP 47 IL
WYZZ 43 IL
WISH 8 IN

I visited Rockport, MO recently. K02NQ does not have a good signal outside Columbia, and the only channel 2 I saw at Rockport was an unID (maybe KQTV?). K11SN and K56AU both came in nicely, but as with KMOS-6, very directional... still, not bad for being 12 miles out! Channel 11 was seen with programming—and a "shiny" ID—from the American Independent Network (AIN). While in Rockport, I noticed KOLK-10, KYTV-3, and KMBC-9.

On a final note, KMIZ-17, KHQA-7, and KODE-12 have all gotten Fox football for their markets. KODE also airs some other Fox shows, mostly from 12:05-1:05 AM. Ernie sent me a Vermont TV Guide which seems to indicate that WCAX-3 and WWTI-50 also carry Fox football. "WWBI-27" serves Burlington, VT/Plattsburg, NY as an independent. No channel 27 allocation for that region in my files. Is this an FCC "surprise" allocation? Or maybe an LPTV?

Eric Bueneman (NOUIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 (314)839-9751

Equipment:
York 4.5" B&W TV/AM/FM/Stereo boombox,
Archer VU-110 VHF/UHF/FM antenna with
Archerotor at 33' AGL

August 1994 CDT
29 tr 2128 WEHT 25 IN 165
2129 WEVV 44 IN 165 (Snow-free!)
2130 WFIE 14 IN 165
2131 WSIL 3 IL 130 (Snow-free!)

Western TV DX Eric Bueneman's report continues

29 tr 2135 WWT 22 IN 135
 2139 WBNA 21 KY 250 (Over K2100)
 2139 WXIX 19 KY 320
 2140 WTWB 7 IN 165 (Snow-free!)
 2142 WHNB 40 IN 240
 2200 WKGB 53 KY 250
 2203 WZTV 17 TM 270 (Over WAND/KW12)
 2204 WONA 35 KY 190
 2205 WKRN 2 TM 270 (Under KTVI)
 2206 WSMV 4 TM 270 (Under KMOV-Hi Doug!)
 2210 WGRB 34 KY 290

Decent opening on August 29... even the locals on Channels 2, 4, 5, and 11 were propagating! It was the first time I saw WZTV since that big opening over Thanksgiving weekend in 1986, never had that one in Georgia, no thanks to Ted Turner! Also haven't seen WXIX since that same weekend. I've seen WHNB-40 so much... I may even use this as a barometer for DX into Indiana! On the local front, look for a network switch to take place this next DX season, with KTVI-2 picking up the Fox network, while ABC moves to KDNL-30.

Mike Cherry, Box 631, Ganges, BC V0S 1E0 (604)537-5201

July 1994

10 Es 1717 KVBC 3 NVS 986 | 1832 KCRA 3 CA 739 PDT
 1859 KRON 4 CA 769 | 1900 KTUV 2 CA 769
 1926 KRNV 4 NV 669 | 1930 KEYT 3 CA 1006
 1933 KBCN 4 CA\$ 1047 | 1958 KCBS 2 CA 1047
 2000 XHBC 3 BCN 1197
 12 Es 2001 KVBC 3 NV 986
 13 Es 1630+ CBSET 3 PG 2497 | 1646 CFSS(KCOS) 3 SK 936
 1648+ un-ID 3- PG 1700+ un10(1) 3- PQ
 1725 KTVS 3 COS 1150 | 1751 KWC 4 CO 1097
 1751 CKBT 3 SK 907 | 1753 CKB1 5 SK 819
 1800 CFSK 4 SK 782 | 1859 KXLF 4 MT 553
 1910 KTVS 3 CO 1150 | 2034 KOTA 3 SD 1015
 2059 CBWFT 3 MB 1167 | 2129 KATN 2 AK 1417
 2200 KBME 3 ND 1062
 21 Es 1959 KTVX 4 UT\$ 794
 23 ms 1300 KIDK 3 ID 637
 24 Es 1132 KVBC 3 NV 986
 26 Es 1759 KREG 3 COS 1028

August 1994

10 Es 1930 XHBC 3 BCN 1197 | 1942 KVBC 3 NVS 986
 12 Es 2058 KCRA 3 CA 739
 September 1994

9 Es 0923-0940 MUF 52.5 MHz CA
 10 ms 1356 KRON 4 CA 769
 Es 1954-2006 MUF 50.2 MHz NM
 Au 2104-2137 MUF 50.2 MHz MT
 11 ms 0536 (CICT) 2 AB 438
 Es 1829 KLTN 3 NE 1311 | 1956-2001 MUF 50.2 MHz CO
 12 ms 0517 KUTV 2 UT 795
 13 Es 1400 XHBC 3 BCN 1197

1. ``SRC-Quebec''

This year's Es season was short and slightly below average in both quantity and quality. July 13 was certainly the highlight of the season with not one, but 3 different channel 3 signals from Quebec. The Quebec stations were in and out for about two hours with the skip occasionally shortening up 1 single-hop. On 6 meters at the same time, I was working stations in Quebec, eastern Ontario, Maine, Vermont, New York, and later most of the eastern seaboard states. Even more astonishing—local VHF DXer Rudy Stam, VE7FEI witnessed the Quebec channels using just the built-in whip on his 5" B&W DX monitor! We both got a positive ID on CBSET during a commercial break containing local references. The ``SRC Quebec'' un-ID was on a different offset. This year, there was no sign of any Es from Hawaii or other parts of the Pacific. Early September, during the ARRL VHF contest, there was an unusually large amount of meteor-scatter on both TV and 6 meters. Since CBUT-2 in Vancouver still doesn't sign on until around 6:20 AM PDT, this is still my best channel for overnight ms DX. It sounds as though midwestern, eastern, and southeastern stations had a better Es season than those of us in the Pacific Northwest. Ah well... the summer DID have its treats!

Jeff Kadet (W3CRH), Box 20, Macomb, IL 61455

August 1994

1 Es 2000 KWAZ 2 AZ
 2 Es 1130 KPRC 2 TX | 1417 XEFE 2
 1358 KVOA 4 AZ | XHRI 2
 1459 KIII 3 TX | KGBT 4 TX

5 Es 1700 CBFT 2 PQ & unID FFC & EE Canadian ch 4s

6 tr 0029 KVBM 45 NM OKLA CITY 14,34 OK

0529 K22E 22 OK K69GO 69 OKLA. CITY

7 0400 Birmingham & Sarnia U's

8 tr 2347 K69GB 69 MN Minneapolis; 3ABN; gets out

9 tr 0300 CKCO 42 ON | 0402 K3ICH 31S MN Erhard

0402 K5DC 51 MN Erhard | K39CJ 39S MN Erhard

0424 K15EB 15 MN Worthington; KTW-17 (w/KD3S-17)

0435 K2477 24 MN/WI HSS to NW

1815 K500X 50z MN LaCrescent; "Eagle TV-50"

W67CH 67z WI Lacrosse; KTC-10 (Note #1)

10 tr 0030 W49AX 49z KY Louisville; VJB

W51BT 51 IN Person; Worship Net/ CICA 51 ON

CBLF 48 ON | K38AB

CBLN 40 ON (but with WCF-38 & KMC-38)

0306 K44AB 44 IA Keokuk; K38AB

(but with WCF-38 & KMC-38)

0339 WIVIA 44 IA putting WQRF-39 video (note #2)

CPMT 69 ON CB TP w/ID

Es 1600 KHM 2 TX | 0438 CICO 59 ON

14 tr 0200 KGIN 11 NE Cambridge;

(ch. 11 w/Home Shopping Network)

0223 K1477 15 NE? rebroadcasting Kansas City-5

K28AB 28 NE Meleight; Home Shopping Network

K35AL 35 NE Lexington; KNOP-2

Es 1600 WESH 2 FL Lincoln; KSNB-4

(w/ish I could get them)

17 tr 0227 K22CX 22 NE WESH 2 FL

Es 1030 WESH 2 FL Jefferson City; TBN

19 tr 0148 K101 41 MO WEPB 2 FL

Es 1030 WESH 2 FL | WPTB 2 FL

WEDU 3 FL

27 tr 1800 W180 41 IL Peoria; TBN (WWT-35) (note #3)

28 tr 1930 W67CA 67 OH Lima | 2020 WQLN 54 PA

29 tr 0020 KGIN 11 NE W68CG 68 TN Nashville; VJB

W67CO 67 AL Huntsville; WTP-60

Chattanooga U's & WFL-53

W52BH 62 KY Hopkinsville; TBN; super rare

30?tr 0209 WELF 23 GA Dalton; TBN

W36AK 36 TN Nashville; TBN

W46AJ 46 TN Cookeville; TBN

0316 WTMZ 43 TM CB TP w/ID

WNUD 48 CB TP w/ID lower R

0417 W50AP 30 TN Kingsport; HSS

WATE 6 TM WSHY 52 VA CB TP w/ID

W5BN 47 VA CB TP w/ID

0450 WPMT 54 | 0453 unID 62+ TBN to SE (#4)

0515 W5OC 9 NC | 0530 WTVI 42 NC

September 1994

6 tr 0423 K46CZ 46 MO Joplin-Carthage; TBN

Note #1: most wanted station! Had tried for this zillions of times when the other LaCrosse high-powered stations were blasting in. Most wanted station now would have to be the channel 42 VJB in St. Louis which was reported on a few months ago. If this is still on the air, it gets out worse than 10W stations above 800 MHz.

Note #2: this was VERY confusing to finally figure out because K44AB normally comes in here quite strong, but neither of these were. Evidently, the power was "sucked out" of channel 44, and evenly distributed on both channels 44 and 45.

Note #3: How greedy can these bozos get? Are they trying to get more outlets than McDonalds? And how do I stop getting their insipid monthly newsletter badgering me for "love gifts" (a.k.a. more \$\$\$ to buy more LPTVs)? About 8 years ago I wrote to them to ask for a list of translators. Since then I've been getting this monthly newsletter no matter how often I write to them to stop!

Note #4: Not Asheville; per phone call.

Conditions since the great 8/29th opening have been crummy (today is 9/30). That opening on the 29th was by far the best in the past 11 years to Knoxville. WTMZ-43 was blasting in, at times snowfree. Occasionally it would also have heavy ghosting which meant it was coming from more than one path.

The wonderful Es season came to a rather impressive halt pretty much after 8/1.

Stations photographed total from Macomb is at 1065. In closing, I want to say a big THANK YOU to Fred McCormack for doing the Western TV DX column all these many years. Not only is Fred extremely knowledgeable and helpful when it comes to trying to ID unIDs, but his column

Western TV DX Jeff Kader's report continues

will go down as the neatest and most readable column in WFTD history, in my humble opinion. I've known Fred since we both used to report to the old Newark News Radio Club TV DX column in the early 60s. Again, thanks Fred. You deserve a rest! 73.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

Equipment:

JC Penny (RCA) 19" TV, RS 15-1718A 45 element V/U/F at 32' AGL, RG-6; rabbit ears from some VHF tr

Corrections: KFOR OK, KOCO OK, KENS TX and KRGV TX were received by tr. I am sorry about the errors in my June logs. I think the bugs have finally been worked out of my logs now that Es has slacked off, giving me some time to think and study.

August 1994
 16 tr 0035 WBRZ 2 LA 210 0243 WABG 6 MS 220
 0310 KLAX 31 LA 95 0320 WPSD 6 KY 420
 0320 KFVS 12 MO 410 unID 13 (HSC)
 0440 unID 5 (CNN Mx) 1015 KLT 18 LA 160
 2058 KBRZ 2 LA 210 2205 KFKX 51 TX 60
 18 tr 0018 unID 2 (2 stations)
 Es 1044 unID 2 (CVC) 1050 unID 2 (Spanish)
 2100 WCBZ 2 SC 790
 19 tr 0015 WBRZ 2 LA 210 0135 KJAC 4 TX 175
 0150 KPLC 7 LA 160 0250 KBMT 16 TX 165
 0250 KMT 12 TX 165 0815 KWTX 10 TX 200
 0815 Houston 8, 11, 13
 0826 KLT 18 LA 160 0850 KXAN 36 TX 280
 Es 1010 WRAZ 5 NC 880 1010 WUND 2 NC 1040
 1052 WJSK 2 TN 660 1059 WCYB 5 VA 700
 1101 MYTV 6 VA 990 (see note #1)
 1117 WITG 5 DC 1060 1117 WRC 4 DC
 1143 WDTW 5 WV 880 1158 WTAE 4 PA
 1200 KDKA 2 PA 1000 1231 unID 2 (Sesame St)
 1235 WGRZ 2 NY 1110
 tr 2200 WFAA 180 2240 Little Rock AR 7,11
 2326 KVTV 25 AR 160
 20 tr 0240 WBRZ 2 LA 210 0320 unID 13 (ANC Nx)
 0323 WAFB 9 LA 210 0330 KBMT 12 TX 165
 0455 WLBT 3 MS 200 0502 KERA 13 TX 180
 21 tr 1030 KXAS 5 TX 210
 24 tr 2335 KASH 38 AR 160
 26 tr 0913 KPRC 2 TX 200
 29 Es 1825 unID 2 (XEW Net) 1940 unID 2 (TV Azteca)
 31 tr 0210 AR 2,4,7,9
 KENV 6 AR 270 (/2; AETN)

September 1994

8 tr 0425 KARD 16 LA 90 0425 KVTV 25 AR 160
 0KASH 38 AR 160 KJCT 39 LA 90
 KFKK 51 TX 60 KETK 56 TX 80
 0516 KBLRT 16 AR 180
 9 tr 0915 KARD 14 LA 90 0915 KLRT 16 AR 180
 KETK 56 TX 80 1815 Little Rock 2,4,7,11
 10 Es 1040 unID 2 LA 180 1850 unID 2 (TV Azteca)
 11 Es 1655 unID 2 (CVC) 1726 WGRZ 2 NY 1110
 1736 KDKA 2 PA 1000 1756 WTAE 4 PA
 WJWV 4 NY 1110 1855 CKCO 2 ON 1130
 2001 KXAS 2 CO 830
 12 Es 1105 unID 2 Flintstones
 13 Es 0718 unID 2 (note #2)
 tr 0750 KJAC 4 TX 175
 14 tr 0205 KLFY 10 LA 180 0330 WBRZ 2 LA 210
 15 tr 0455 WCKT 2 TX 200
 23 tr 0622 KVTV 15 MS 170
 0650 KLTJ 22 TX 200
 * = W/C/CI
 0730 KLAX 31 LA 95 0830 CCI ON LOC 24 & AR 16
 0850 WLMT 29 MS 200 (/WMAO)
 0850 WLMT 30 TN 290 0905 WHBO 13 TN 290
 26 tr 2225 KLAX 31 LA 95 KFKX 51 TX 60
 27 tr 0030 KASH 38 AR 160 MDSD 40 MS 200
 0140 KRIV 26 TX 200 0331 KTXH 20 TX 200
 28 tr 0740 Houston 2,8,11,13,14,20,22,26,39
 0754 KTM 48 TX 215 KTFH 49 TX
 0758 KHWG 51 TX 200 0820 KLSB 19 TX 80
 0820 KLT 18 LA 160 0838 KBCT 7 TX
 0838 KGHM 8 TX 475 0916 KENS 5 TX 350
 0916 KJAC 4 TX 175 0945 KPLC 7 LA
 0945 KFDM 6 TX 165 (See note #3).

October 1994
 8 Es 1855 KDKA 2 PA 1935 WMAR 2 ND
 20 tr 1805 WAPT 16 MS 1905 WMAU 17 MS
 23 Es 1920 WMAR 2 ND 1938 unID 2 MEX ("TV7")
 27 tr 0100 WTVJ 12 MS (floating on local)

Note #1: Floating over local KTAL. IDed by graphics on local news and ads for WRVA and Capital Trucks.

Note #2: In and Out, over and under KETS, for half an hour. NBC's *Nightside*. Freestyle-type "2" logo. Not KNAZ unless they have a new logo.

Note #3: My second catch floating over local KTAL. ID at 1000. Used rabbit ears for this and KGNS.

I hope Fred has more time to DX. Thanks for your years of service to DXers! Good luck to our new editor! Great Es and good tr! I'm thankful for such an enjoyable TV-DX summer!

Most-seen Es of the summer:

WMAR ND and WUND NC, 13 days each
 KNAZ AZ, 12 days
 WGRZ NY, 10 days
 WPBT FL, 8 days

Total stations logged (Es and tr) May-September: 139.
 States: 29.

Frank Merrill, P.O. Box 669, Macomb, IL 61455 CDT

Equipment: Icom R-7000 with Video adaptor, and/or Zenith Model 1310 13-inch color set from early 1980s (when they were good!). Winegard 8100 VHF/UHF at 40 feet for all tr and some Es; Channel Master 1110 VHF mounted vertically at 10 feet for nearly all Es.

July 1994
 1 Es 1437 Cube 2
 6 Es 1700 WPBT 2 FL #1 Cube 2 (sign-on)
 8 Es 1810 XHY 3 YU 1340 1810 KIII 3 TX
 1815 WTVY 4 AL 1828 KEWW 3 NM
 1900 KOB 4 AZ
 1930 KRGV 5 TX 2100 KPRC 2 TX
 2100 WPBT 2 FL 1610 WJXT 4 FL
 9 Es 1545 WPBT 2 FL 0910 XEBZ 2 NL 0933 XH 5 CVC shop
 0933 XH 6 CVC shop 0940 KNOI 4 TX
 0940 XH 4 Canal 13, Telev. Azteca from SW
 1130 WDSU 6 LA 725 1130 WVL 4 LA 728
 1200 WKRQ 5 AL 691 1245 WLBT 3 MS 569
 At last! Cell letters (WLBT) over Oprah
 12 GW 0200 WDAK 40 IL 45 (Quincy TAB) "Yecch!"
 tr 0200 Some N. OH U's
 0210 W32AC 32 IN 270 (Muncie TBN) (rare)
 0210 WPBT 22 PA 565 (CIC only, against WSBT)
 0213 WSBX 46 OH 385 (Toledo TBN)
 0213 WFSJ 51 OH 434 "This promising opening died"
 12 0600 WESH 2 FL 1805 KPRC 2 TX
 13 Tr 0418 W19BN 19 OH 334 (Defiance bulletin board, WFM-98.1 audio) All Ft. Wayne strong, even WAGA.
 13 Es 1300 WQSD 2 SC 1300 WCSC 5 SC
 KACB 3 TX 1500 KYUS 3 MT
 1500 KBFB 5 MT CKND 2 MB
 1700-1730 various SK/AB to channel 4
 2048 CBFT 2 QU 2100 KTVQ 2 MT 8' ant
 2100 WGBH 2 MA 45'ant 2124 CHOY 500 0N 772
 2145 CFCL 2 ON "MCTV" 2205 KXMA 2 NO
 14 Es 0140 CBFT-1 5 NB 1296 3/4 bars, "Moncton (or may have been Fredericton"--forgot to write down specifics 0140 unID 3/4 bars on 4 unID "vertical" on 2
 0215 WLBT 2 ME Nightside
 0215 WABIT 5 ME HSS 0939 WCSC 5 SC
 1020 WTVJ 4 FL 1030 WUFT 5 FL
 1030 WPBT 2 FL 1030 WESH 2 FL
 1050 CBFT 3 MB "Winnipeg" 3/4 bars--which one?
 1050 CKND 2 MB 1054 WPBT 5 FL
 1100 WEDU 3 FL 1101 KGFE 2 NO
 1105 WJAY 3 NC 1105 WCPX 6 FL
 1119 WCI 6 FL 1145 CKOS 5 SK
 1200 KOAA 5 CO 755 1213 WKRG 5 AL 691
 1728 WESH 2 FL
 1500 WPBT 2 FL
 1900 WESH 2 FL
 1500 WPBT 2 FL
 16 Es 09007 WESH 2 FL
 16 Es 09007 WESH 2 FL
 17 Es 1800 WEDU 3 FL South FL 2,4,5,6
 19 Es A "biggie"--go real busy on FM
 0900 WUNJ 2 NC 0900 WTKR 3 VA
 0916 WUNC 4 NC 697 0932 WRAL 5 NC 734
 1026 (FM MUJ 107.9 NC) 1120 WFL 6 PA 810
 WFL was last Eastern U.S. Es needed on channel 6.
 1155 KMID 2 TX 1200 KOAA 5 CO 755
 1200 KASA 2 NM 1230 KSMK 3 KS 589
 1300 KREG 3 CO 1300 KWMW 2 CO
 14 Es 0930 WESH 2 FL 0948 WCBZ 2 SC
 1100 WEDU 3 FL WTVJ 4 FL
 1100 WSBX 3 GA WCPX 6 FL
 1100 WPBT 5 AL 1259 MDIQ 2 AL 658
 1300 WTVY 4 AL 712 1759 CBFT 2 QU

Western TV DX Frank Merrill's report continues

1759 WFSB 3 CT
 21 Es 1030 Calgary 2 AB 1345 | 1220 KGBT 4 TX
 1327 & 1344 FM MUF 107.9+ MHZ
 1401 KGEW 6 TX 732 (prior tr)
 26 tr 0542 W55A 55 KY 274 Hawesville KET, via WKOH-317
 Es 1937 KPRC 2 TX
 27 Es 1150? XEFB 2 NL
 31 Es 2000 KXLF 4 MT
 August 1994

1 Es 1720 WTJ 4 FL	1720 WPBT 2 FL
3 Es 1105 WESH 2 FL	
6 tr 0500 WTL 11 OH 385	0500 WJW 36 OH
0503 KTBO 14 OK 502	0506 K22EM 22 OK 510
0514 K22EM still in, but KTBO gone!	
2000 OK City U's 502	2000 KPTW 42 ME 295
2205 WTVO 36 KY 373	fairly strong, KPTW no show
7 tr 0250 AL 31,48,54 weak	0554 KVBN 45 MN 342
MN 29,41,47,etc.	0556 WLEF 36 WI 379
9 tr 0250 K181T 31 MN 424 (Appleton CNN)	
0300 KABY 9 SD 488	0440 K15ER 15 MN Note 2
MN translators 14,20,48	
1800 K69GB 69 MN 342 (Minneapolis TAB)	
WEUX 48 WI 305	
1942 K500D 50 MN 236 (La Crescent CWA)	
2200 WFTF 58 IN 275	
10 tr 0149 W51 51 IN	Marion W51BT? No Anderson!
0225 W4BAV 48 MI 410 (Detroit CTN)	
0236 CFTM- 69 OH 512 lotsa OH, etc., to WPX1-11-PA	
0300 CIC059 59 OH 463 0323 WYNT 57 KY 459	
0450 WOUB 20 OH 456	WOUW 44 OH 492
0455 WSBN 47 VA 496	snowfree, 3/4 bars ID
1237 W25AT 23 IL 185 (Chicago Spanish/local) Note 3	
11 Es 1230 WUND 2 NC	1231 WCBD 2 SC
1231 WCIV 4 SC	
14 tr 0220 KGIM 11 NE 429	
0221 K28AP 28 NE 430 (Wleigh KOLW-10 HSS)	
0221 K56AF 56 IA 230 (Clarinda KTVO-3 not KTVO)	
0221 K25AG 56 NE 490 (Cambridge KGIM and/or HSS)	
0225 K14X 14 NE?	(Holdrege KTIV-4)
0303 K48CH 48 NE 366 (Norfolk KTIV-4)	
0359 K23AH 23 NE 540 (Wallace KGIM-11)	
Confirmed via phone that WGCC-1M did not have HSS 0359	
0430 K21AP 21 KS 304 (Topeka TBW-owned)	
0500 K26CR 26 MO 231 (Kansas City HSS)	
17 tr 0100 Some OH stations to 450 miles	
19 tr 0530 W67CA 67 OH 341 (Lima CWA)	
0535 W54AG 45 OH 288 (Ft. Wayne, The Box)	
WQHS 61 OH 470	
27 GW 1856 W47BO 41 IL 58 (Peoria TBW/WMTO-35)	
28 tr 1320 WADL 38 MI 425 atop all	
WOTV 41 MI 304 taking out Peoria TBW	
1920 tons of rain from KNHE-29 to Toledo, OH	
2000 WOLN 54 PA 558 Cleveland U's or CCI	
29 tr 0011 K24AC 62 MO 260 (Falls City KUON-12)	
0445 WTLW 44 OH 341	
0452 21 HSS from SE-LPTV or WBNB-KY?	
Seemed to be too SE for WBNB, CCI to K2100	
1730 WLTJ 11 TN 346 over/under KPLR most of PM	
2155 W68LG 68 TN 367 (Nashville The Box)	
2215 WKRN 2 TN 367	
2228 W35AH 35 TN 349 (Jackson TBW)	
2344 W62BZ 62 KY 301 (Hopkinsville TBW)	
W34AG 43 KY	stop W22 part of the time
30 tr 0205 WELS 23 GA 520 TBW 2, "706" phone #	
0205 WSEC 14 IL 55 0205 W65WB 65 IL 76	
W65WB (Springfield WSEC-14) Both testing all	
night with 3/4 Color Bars ID. Wonder how many	
DXers logged this? 0252 W36AK 36 TN 367	
0322 W52P WZKX 28 TN 415 Note 10 (Nashville WPGD-50)	
0415 W64AJ 46 TN 415 (Cookeville TBW)	
0428 WATE 6 TN 475 0435 WTNZ 43 TN 475	
0447 WPMC 54 TN 440 0513 W50C 9 NC 647	
0516 WTVI 2 NC 646 Note #8	

September 1994

10 0457 K41AD 42 IA 180 (Lansing phantom w/WLAX-25)

0500 WSBT 22 IN 243 Note #9

Note 1: 06 July, 1700—Can there actually ever be a time that a midwestern DXer can actually be HAPPY to see WPBT? Yes! A long-time contact visited me for the first time ever, in order to peruse and buy old radio station charts from me. He was here until the 11th!! He had arrived here at about 1600 on the 6th. He had no clue about TV-DX, and I had never discussed it with him before. He lives in Pompano Beach FL (Fl. Lauderdale area). He was in complete awe that he had come all the way up here to see his local, and was even more surprised when he could hear the Cuban National Anthem fading in and out and could see the Cuban flag. WPBT appeared again on the 8th and 9th, always when he was here. I think that he told me that he, indeed, is a part of Membervision (WPBT's slogan, representing subscriber support of PBS programs). I guess that a WPBT membership allows the station to follow you wherever you go... Chris Hanley's comment certainly applies here!

Note 2: 09 August, 1237—This station was carrying KDSM-17 IA. I suspect a phantom of some kind, because I don't remember having any video. Perhaps a translator on 16 which picks up something off channel 18? Or, perhaps, a KTCI-17 translator in central or western MN, or even a KTTW-17 translator? Help!

Note 3: 10 August, 1237—I formerly have this logged in Mokena IL, with the same calls. However, this facility completely abandoned its former coverage area and there was a hiatus (it went dark) for a while before showing up in Chicago. Would this be considered "new" in this very unusual case?

Note 4: 14 August, 0225—Translator was broadcasting KCTV-5. I suspect a translator for KHAS-5 Hastings NE, or perhaps a "phantom" from a channel 15 translator for WOWT-6. I cannot find a listing for either.

Note 5: 30 August, 0428—Neither myself nor Jeff ever expected to log this one. The characteristic WITL-6 "flutter" (against WRTV-1N) was, this time, coming from the "wrong" side, and at one point I could barely read "WATE-TV-6", and "East Tennessee" a couple minutes later. WDSM-6 WI is now my easternmost stateside 6 not yet logged.

Note 6: 30 August, 0428—if you are DXing with an ICOM R-7000 (or equivalent tuner which can separate audios), this one should stand out, because their audio was at .715 (or an offset of $3\frac{1}{2}$ minus from standard .750). "WPMTC-TV-54" call letters constantly in upper right. Never thought I'd see this one, neither did Ed Phelps! (Despite his local W54AE, he could separate the audio).

Note 7: 30 August, 0513—Actually, I tried this one, more or less, on a lark. I didn't really expect it, but the ICOM did a wonderful job of audio separation and I could clearly hear talk about Charlotte, traffic report mentioning I-85, Charlotte ad, etc. Would have been thoroughly impossible via video. (9+)

Note 8: 30 August, 0516—Exercise show. This faded on me before 0530 ID time, but Jeff's more directional dish was able to keep this easily separated from WTLJ-IN for him, and he was able to confirm the origin of this signal.

Note 9: 10 September, 0500—Very bizarre reception of this! It seemed that it made little or no difference which way I pointed the antenna, and there was no apparent "peak" to the east. I've never seen this effect on tropo before. The rotor WAS working. By 0520 or so, this signal was back to "normal" behavior, with an obvious peak from the east. Can anybody explain this?

Note 10: 30 August (out of order)—This was running an ID testcard (not a "test pattern") which said "28 WKZK Cookeville Crossville Sparta." I am told that this runs all night, and the printing is HUGE—should be helpful to DXers. I've been after this one for years! Tough with the two LL PTSP's on, both in roughly the same direction as WKZK. Closest unlogged station with non-LPTV/Translator calls in now the very elusive WKYU-24 KY (325), followed by KTTW-17 SD (378). Also need WINT-20 TN (436); are they still on?

Fernando Garcia, Apartado 30, Svc B, CD Guadalupe NL 67181 MEXICO

July 1994

15 tr 0645 KFXX 51 TX 556 0645 KETK 56 TX 534
0700 KDTX 58 TX 519
17 tr 0545 KFXX 51 TX 556 0545 KETK 56 TX 534
0615 D/FW 52,58 TX 519 0730 D/FW 33,39 TX TX 519
Es 1140-1235 unids 2,4 EE
1800 WSB 2 GA 1100
tr 2030 WLA 33 LA 634 2100 KLTL 18 LA 547
0300 KBLX 31 LA 618 0545 KFXF 51 TX 556
0545 KETK 56 TX 534 0600 KNSH 33 LA 615
0630 UNID 54 rel. no.
W65CE 65 LA 615 (Shreveport TBW)
KLTS 24 LA 615 0645 KWLW 45 LA 615
0730 D/FW UHFX 7 TX 519
Es 0800* WPBT 2 FL 1243 0930* WESH 2 FL 1178
1115* died out
GW 2000 XH 14 NL (see note #1)

Western TV DX Fernando Garcia's report continues

tr 2100	KLTL	18	LA	547	2100	KVHP	29% LA	528	0400	KETK	56% TX	534	0400	KMSS	33% LA	615		
2130	KLPB	24	LA	566	2200	KADN	15	LA	0600	D/FW	UHF	TX	519	0600	KWHD	47	OK	
2200	KITU	34	TX	500	under local				Es 1300	UNID	2	PBS	ne	Es 1300	KVHP	29	LA	
19 tr 0545	KFXX	51	TX	555	0545	KETK	56	TX	tr 2130	KVHP	29	LA	528	tr 2130	KLTL	18	LA	
0600	KHSS	33	LA	615	0630	KDOR	17	OK	2230	KLPA	25	LA	615	2230	KLAX	31	LA	
0630	KIII	12	OK	600	0700	KTDAT	45	OK	23 tr 2200	IC20-20	20	TX		24 tr 0230	D/FW	27,39,49,58	519	KWHD
0700	KWHD	47	OK		0730	D/FW	UHF	TX	24 tr 0230	D/FW	27,39,49,58	519	0645	KFWD	52	TX		
20 tr 0600	KDTX	58	TX	519	0630	KFXX	51	TX	25 tr 0600	KDTX	58	TX	519	0645	KLTX	52	TX	
Es 1130*	UNID	2	CBS		0630	KFXX	51	TX	27 tr 0630	D/FW	33,52,58	519	1915	died out				
21 tr 0545	KFWD	52	TX	522	0630	D/FW	UHF	TX	28 Es 1650	KTVO	38	MO	1112	1650	KCTV	58	MO	
Es 1100*	KOTV	2	MO	1025	1130*	KTVI	2	MO	1700	KLNE	38	NE	1019	1700	KMTV	38	NE	
1145*	UNID	2	NBC		1230*	KGAN	2	IA	1715	KOTV	2	MO	1025	1730	KWOP	2	NE	
1255*	died out								1800	WDAF	4	MO		1830	UNID	38	ABC	
22 tr 2200	KVHP	29%	LA	528	2200	KLTL	18	LA	528	29 tr 0600	D/FW	33,58	TX	519	0615	KETK	56	TX
2230	KITU	34	TX	500	(cover local)				0615	KFXX	51	TX	556	0630	D/FW	49,52	TX	
23 tr 0145	WVLA	33	LA	634	0145	KADN	15	LA	584	Es 1845	UNID	2	SS	be	0630	cci	chs 3,4	
0200	KLAX	31	LA	618	0530	D/FW	UHF	TX	31 GW 2200	XHFOX	17	TA	124					
0545	KFXX	51	TX	556	0545	KETK	56	TX										
0600	KHSS	33	LA	615	0600	KLTS	24	LA	615	September 1994								
0745	UNID	30	TBN	ne	0800	KLBK	45	LA	615	3 tr 0615	D/FW	52,58	TX	519	0330	D/FW	UHF	TX
0800	KLPA	25	LA	615	0800	KASM	38	AR	774	4 tr 0330	KETK	56	TX	534	0630	KFXX	51	TX
2100	M-Orleans	697	Channels 26,32,38s		0810	KASH	38	AR		5 tr 0445	D/FW	UHF	TX	519	0500	AKLDT	55	TX
2200	KLTL	18	LA	547	0826	KITU	34	TX	500	0500	KETK	56	TX	534	0515	KJTL	18	TX
2230	KWMA	17	MS	694	0830	KWLP	49	LA	529	0515	K54CBT	54	TX		0530	K31	31 see note #4	
2245	WGN	44	LA	631	0845	WCLL	49	LA	690	0545	KFWD	52	TX	522	0600	KLT	24	LA
2300	K62W	62	LA	590	(Lafayette CHA)				0615	KWLB	45	LA	615	0630	K31A1	31	TBW	
2300	UNID	65	rel.		0850	WAMP	21	AL	839	0630	WNTZ	48	ES		0700	KWMB	47	OK
24 tr 0000	WMAH	19	MS	771	0850	WAMP	21	AL	839	0645	WNTZ	48	ES		0700	KTLC	43	OK
0530	WMAH	16	WVN	ne	0850	D/FW	TX	218,27,33,39,58	574	0700	WNTZ	33	OK	764	0700	KWMB	47	OK
0545	KFXX	51	TX	556	0900	KETK	56	TX	534	0700	WNTZ	33	OK	765	0700	KTLC	43	OK
0600	KLAX	31	LA	618	0900	KADN	15	LA	584	Es 1900	YSR	2	ES		0715	WNTZ	55	NBC
0615	KFWD	52	TX	522	0915	KDOR	17	OK	796	6 tr 0500	D/FW	UHF	TX	519	0500	KETK	56	TX
0745	KLSB	19%	TX	516	0920	KHSS	33	LA	615	7 tr 0600	M. Orleans	UHF	693		0530	K31	31 see note #4	
0800	KLPA	25	LA	615	0920	KLTS	24	LA	615	8 tr 0645	WVLAT	33	LA		0530	K31	31 see note #4	
0815	KUVM	23%	TX	544	0925	KMPX	29	TX	559	9 Es 1845	YSR	2	ES	1100	1900	YU	4	ES
0830	KASN	38	AR	774	0930	WDBD	40	MS	749	1900	TGV	38	GT	1019	1915	UNID	2 as note #5	
0900	UNID	40	rel.		0930	W55CE	65	LA	615	1915	XHD	4	CS		1930	ch 4 Nicaragua	5	NW
0930	K210M	21%	LA	590	(Lafayette VJN)				11 Es 0830	KGWN	28	CO	950	0830	cci	4		
1000	KPLC	7	LA	547	1000	WAFB	9	LA	637	0845	UNID	2	ABC	rw	1645	WESHT	2	FL
2000	KLPB	24	LA	566	2015	WVLA	33	LA	634	2130	died out				1700	UNID	2	CBS
2100	M-Orleans	697	Channels 26,32,38s,49		2100	KLTL	18	LA	547	13 tr 0630	XHVN	56	TX	354				
2130	UNID	30	rel.		2115	KITU	34	TX	500	GW 2100	XHSTC	25	CU	50				
2200	KLAX	18	LA	547	(Video o/ loc.)													
2230	KVHP	29%	LA	528														
2300	KLTL	31	LA	618														
24 tr 0430	K66C	46	LA	646	(Batton Rouge VJN)													
0430	WAPT	16	MS	749	0430	UNID	54	n-ne	rel.									
0445	WMAH	17	MS	696	0445	WAMP	29	MS	743									
0445	KLTL	18	LA	547	0500	KVHP	29%	LA	528									
0545	UNID	61	VJN	ne	0600	D/FW	UHF	TX	519									
0600	KFXX	51	TX	556	0600	KETK	56	TX	534									
0615	KLAX	31	LA	618	0630	KHSS	33	LA	615									
0645	WVXT	15	MS	796	0630	KASH	38	AR	774									
0730	WDBD	40	MS	749	2100	WVLA	33	LA	634									
0700	KETK	56	TX	534	2100	WVLA	33	LA	634									
0700	KMPX	29	TX	559	0630	KFXX	51	TX	556									
0700	WAMP	29	TX	559	0645	WAMP	21	TX	544									
Es 1900-2030	UNID	channel 2	E		0800	KTXA	21	TX	519									
tr 2100	WVLA	33	LA	634	2100	KLTL	18	LA	547									
2115	KADN	15	LA	584	2115	KITU	34	TX	500									
2130	KLPB	24	LA	566	2130	KVHP	29%	LA	528									
2200	KWMA	17	MS	696														
2230	WGN	44	LA	631														
27 tr 0100	KLAX	31	LA	618														
0545	K30	TX																
29 tr 0545	KETK	56	TX	534														
30 tr 0545	D/FW	21,33,58			0600	KETK	56	TX	534									
0615	KVHP	29	TX	528	0630	KFXX	51	TX	556									
0745	D/FW	39,52	TX	519														
Es 0800	WSJK	2	TM	1249														
August 1994	see note #2																	
1 Es 1500																		
2000	KOTV	2	MO															
2030	KSWC	2	KS	889														
2115	KSWW	3	KS	851														
2 tr 0600	KDTX	58	TX	519														
3 Es 1845-2045	UNID	chs 2-5	EE															
6 Es 1715	UNID	ch 2	ne															
7 tr 0730	KDTX	58	TX	519	0800	KTXA	21	TX	519									
8 tr 0645	D/FW	33,39,58			0800	KTXA	21	TX	519									
11 Es 1900	UNID	ch 2	north		0800	KTXA	21	TX	519									
13 Es 0900	UNID	ch 2	nbc		0800	KTXA	21	TX	519									
15 Es 0700	WFBT	2	FL		0800*	WESH	2	FL	1178									
tr 1900	KDTX	58	TX	519	0930*	died out												
17 tr 0600	D/FW	21,52	TX	519														
0645	KETK	56	TX	534														
2200	KLTL	18	LA	547														
2300	KADN	15	LA	584														
0645	KFXX	51	TX	556	2300	WVLA	33	LA	634									
0645	D/FW	21,33,58			2315	KVHP	29%	LA	528									
0700	KLTS	24	LA	615	0600	KMSK	33	LA	615									
Es 1900-2000	cci	ch 2	east		0645	KETK	56	TX	534									
tr 2200	KWMA	17	MS	696	2200	KLTL	18	LA	547									
2315	KLAX	31	LA	618	2315	KVHP	29%	LA	528									
19 tr 0600	KFXX	51	TX	556	0600	D/FW	27cc1,33,39,58											
0645	KMPX	29	TX	559	0700	D/FW	21,33,58											
20 tr 0030	KLAX	31	LA	618	0045	KARD	14	LA	653									

Note 4: Music videos in Spanish.

Note 5: Mention of state of Tabasco.

Note 6: New station on the air for Austin, programming is weather info for central Texas.

Note 7: Another semi-local station for me. Signal peaks to northwest, although Saltillo (this city is 3100 ft higher than Monterrey) is to the southwest. (Non-direct due to mountain to

NORTHERN FM-DX

GREG CONIGLIO

5100 GLENWOOD DRIVE

WILLIAMSVILLE, NEW YORK 14221

e-mail: coniglio@geog.buffalo.edu

coniglio@acsu.buffalo.edu

V131KKDN@UBVMS.BITNET

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada
February 1995 ■ DEADLINE: The 5th ■ LOG CUTOFF: 3 months from postmark

Another small column this time thanks to a general lack of activity. There are some reports of meteor scatter and tropo-scatter loggings as DXers concentrate on these modes for the off-season. Conditions were at least above normal in December in many parts of the east thanks to the frequent moist, high pressures, but probably not enough worthy of a report. Right at the end of December there was a great TV opening round here and the Midwest that didn't seem to crack FM much, at least here. Looking forward to seeing if anyone out there did indeed clean up in that opening on FM, if you did, or with any other opening, let's hear from you!....

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JR-S201 receiver (IF mod with 3 110 khz filters), Magnum Dynalab Sleuth 205 amp, Probe 9 fed with RG6 at 50 feet AGL, Crown Rotor, Distances are in kilometres.

NOVEMBER 1994 DX

16 GW

1002 C1QB 101.1 ON Barrie, B101 after news, "Another 30 min. music marathon on the new B101 FM" 151

20 GW

1306 {CIDR} 93.9 ON Winsdor, new AAA (adult album alternative) format, "The River 93.9 FM, True to the music", ex: CKLW

243



JOEL ROSENBERG - 19 GLENAYR RD. - RICHMOND HILL, ONTARIO CANADA L4B 2W3

(905) 884-8454-Equipment: 6-element Delhi FM yagi rotated at 50' AG, .412 coax, Marantz 125 tuner

MAY 24, 1994 Es & Tr

2054 KRMD 101.1 LA Shreveport

2100 WRIF 101.1 MI Detroit

2142 WKKY 104.9 OH Geneva, "Country 104.9"

2159 WNFR 90.7 MI Sandusky

SEPTEMBER 16, 1994 Tr

0800 WRKI 95.1 NY Bristol Center, between locals on 94.9 & 95.3

DECEMBER 1994 DX

13 Tr, MS

0101 {WKVE} 97.5 PA St.Marys, "97-KVE Northwestern PA, Southwestern NY" 234

0105 WQHQ 104.7 MD Ocean City, sr "Q105, the Philadelphia Phillies" 689

14 MS

0906 WSSS 104.7 NC Charlotte, "We're Jack & Joe and this is what's happening on the new Star 104.7" 878

0923 KTOZ 104.7 MO Marshfield, Channel Z non-ID heard, also uses "The Planet" 1254

22 GW

0622 CJKX 95.9 ON Ajax, "Durham's new Country FM KX96, playing new country & proud of it" 119

OCTOBER 16, 1994 GW

2104 CKDX 88.5 ON Newmarket

2106 CICX 105.9 ON Orillia, "Country Music Radio"

NOVEMBER 2, 1994 GW

1800 CJKX 95.9 ON Ajax, "KX 96"

1994 was another busy year with other matters minimizing my time to check the bands. I hadn't even gotten around to officially logging all the new locals and semi-locals. Will the DXer who called me over the summer and wouldn't leave a message with my wife, please call again or write! 73's, Joel

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041-8606

Equipment: same

NOVEMBER 1994

12 GW

1500 WOWZ 97.9 NY Whitesboro r ID/nx WOW-FM QRMING WPXY 44

DECEMBER 1994

8 Tr

2228 W238AB 95.5 NY Rochester xltr WRQI Rocket 95 - distorted audio 74

15 Tr

2128 CJKX 95.9 ON Ajax KX96 k 154

21 Es to NE AR/NW TN 1056-1110 MUF: 92.3 MHZ

1100 KASU 91.9 AR Jonesboro wx/ID/AP nx 926

22 WKNO 90.7 TN Dyersburg lcl annts/

Memphis area/NPR

Totals: 1696. Finally some winter Es. New translators/semilocals keep signing on and plugging up the channels.

Seasons Greetings- Fred. PS I'M FINALIZING UPDATES TO FM/TV ALL TIME DISTANCE RECORDS..I STILL WON'T BE ABLE TO POST THE RECORDS WITH JUST ACTIVE MEMBERS UNTIL I CAN GET ACCESS TO A MEMBERSHIP LIST JUST NAMES CITY STATE DATA NEEDED 73--FRED. fnordqui@erc.cat.syr.edu (315) 699-4880

RICK SHAFTAN - 217 GREEN RD. - SPARTA, NEW JERSEY 07871

(201) 586-3563, Beeper for DX: (201) 661-5662. EQUIPMENT: Realistic STA-2280 with 7/110 khz filters (see McVey article, Nov. 1990), Channel Master 20 element TV 45' AGL, phased with FM 13 and winegard AP-3800 Amp (32.9 dB gain, 3.2 dB noise figure), 30' AGL and the Bolin Phase Box. (IN CAR: Kenwood KRC-430 with two 110 khz filters). All times approximate.

DECEMBER 7 GW

2300 104.7 W284AF, Hackettstown NJ. 10w // WRNJ on and pretty strong here at 20 miles. Can still get WSPK and with trop, WWMD Hagerstown MD. But the days of daily reception of WWMD are over.

DECEMBER 10 TrS

1248 105.7 CHRE, St. Catherine's ON
Lite 105.7 with Niagara's best rock.

DECEMBER 12 TrS

0300 96.3 WCDA, Voorheesville NY, C/W not
CFMK. Calls w/CD Country.

DECEMBER 14 TrS

1650 97.7 WGMM, Big Flats NY, Gem 97.7 with
Good Time RR oldies.

1716 94.3 WSGD, Carbondale PA Semi-local now
Cool 94.

DECEMBER 22 GW/Tr

1600 107.3 W297AC, Branchville NJ //WAWZ and
very strong here w/10w @ 12 miles. I can barely
still get WRWD, Highland NY and WRQX,
Washington unless conditions are completely
dead, but WDBA DuBois, WKOK
Northumberland and WRCK Utica a thing of the
past unless there is some strong trop that
way. Three channels, 99.7, 104.7 and 107.3 hit
with semilocals in the last two months, with
another 88.1 and taxpayer funded 88.5 scheduled
to be on soon. Note this station is listed as being
on 105.7 but the call indicates the correct
frequency of 107.3

1635 94.7 WARW, Bethesda MD, Lame with the
Arrow, Washington's Home of All Rock n' Roll
Oldies. Thru WFME.

1712 101.5 WBQB, Fredericksburg VA B-101.5, 93.3
Fredericksburg also in.



I deleted about 30 stations in my totals from Jersey City, the Bronx or Westchester NY DX days from the past fifteen years that I received only by my GW proximity (mostly stations in LI and CT.) Hoped for 1000 in 1994 and ended with 1054 (now 1055). But no NC receptions at all, not even one. Several new 1994 states: IN, KY and SD. Cuba also for the first time on FM. Happy 1995. Am on 99.5 trying to get Scranton through NY

DECEMBER 26 GW/TrS

1408 106.9 W295AB, Middletown NY //WRWD.

At first I thought this was the one in Kingston,
but noticed this weak but steady xltr on a regular
basis. This must be at the same site as the 93.7
Z-Rock xltr that also comes in here. I read there
is one too on 105.5 xltng WSUL

1623 104.9 ??? //WXPN Phla 88.5, which wasn't in
at the time. Pointed to W.

1657 101.3 WJKE, Stillwater NY. ID and wx for
Clifton Park. Hudson Valley is very strong here
but I still haven't received 94.5 Ravana NY.

DECEMBER 30 TrS

0046 101.7 WFLK, Geneva NY "K-101.7 Big
Country"

0122 100.1 W261BX, Forty Fort PA //WRGN w/ID.
8w @ 66 miles.

0150 100.1 WBRR, Bradford PA 221
Calls, Cool 100

1005 100.5 WOMP, Bellaire OH 337
"Today's Best Mx, WOMP Bellaire- Wheeling."

DECEMBER 31 TrS

1627 94.9 WJQI, Virginia Beach VA 303
"Hampton Roads New Q 94.9"

1715 100.5 WCMS, Norfolk VA calls 304
1902 100.9 WNNT, Warsaw VA 241

IDing as "Warsaw-Tapahannock"

2049 98.1 WKZE, Salisbury CT 81
Tri-state wx for NY, CT and MA.

2130 96.9 W245AC, Harmony Tp NJ //WWFM 34
2255 94.9 CIMF, Hull PQ 314

FF and FF mx.

2317 94.9 WKLL, Frankfort NY 153
Nothing exceptional about this one except
that I think it was reinforced with an Ms burst.

JANUARY 1, 1995 DX

0009 101.7 ??? French. Had to stay home and
work on a report. Nice tropscatter while typing.

WRCZ Pittsfield and WENU Hudson Falls also in.

1430 98.9 WOKO, Burlington VT C/W, Calls 247

1803 94.1 CBL, Toronto ON 303
CBC Radio News and negative temps.

2006 90.3 WCIH, Elmira NY Family Life Net. 131

SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5

(416) 364-0725 - e-mail: chernos@web.apc.org

December 22 Tr (Toronto east end)

0015 CFRC 101.9 ON Kingston, very strong

0015 CJBC 94.3 ON Belleville, very strong

December 24 Tr (NE of Toronto)

1950 UNID 104.1 ad for something in downtown Bethlehem see notes

December 24 Tr (Burnt River)

2119 CKNX-1 104.9 ON Meaford // Wingham 101.7

2120 CIQB 101.1 ON Barrie, ex-950AM B-101, rm

2120 CJXK 95.9 ON Ajax ex-1390 AM k

2130 WNWV 107.3 OH Elyria, area stations in well



NOTE: Missed the best of the Xmas Tropo, but did note near Midland that central MI was very strong, as was Ottawa, Erie, etc... Had 100.3 Grayling WGRY and 94.9 station that is // Tawas City. So, they're both on-air. The 104.1 was a real laugh...an ad for something in downtown Bethlehem, which is in keeping with the Allentown station - Bethlehem is nearby. Of course, this is also Xmas Eve, and I also catch a country station // 105.9 Orillia ON, which means Midland ON, and it was doing some kind of parody with frequent mentions of Bethlehem, one sounding like a mock ad. The bottom line is I'm not certain if I had one or two stations, and both were, for awhile, quite strong, and nothing else from the Allentown area - or even close - was coming in, yet the Midland area, through Meaford ON, was quite strong at times. Had me going for awhile, and I was thinking briefly of heading back to Toronto to DX at the Scarborough Bluffs, which face south and favour the Allentown direction. Instead I went on to Burnt River, my original destination, and was sorely disappointed by that evening's DX. Must have something to do with the fact that I am an atheist of Jewish background, heh! A happy DX-filled Gnu Year to all! - Saul

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna = 20' AGL, CAC11 & RG6 coax. Phasing: Jerrold 10 element TV antenna at = 25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp.

NOVEMBER 25, 1994 E-skip

1830 KSNR 100.3 MN Thief River Falls, ID

917

DECEMBER 1994 DX

26 Tr

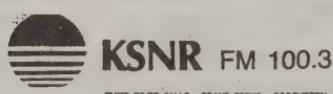
2347 WHSB 107.7 MI Alpena, well o/local	276
2350 WKCO 98.1 MI Saginaw, KCQ with k\$, strong signal o/CHFI w/out phasing	

December 27 Tr

0127 WELL 104.9 MI Marshall, ads, k\$	323
0715 WSAE 106.9 MI Spring Arbor, strong w/ Cont. Christian "Power Praise 107"	304
0730 WBCH 100.1 MI Hastings, BCH, k	335

JANUARY 3, 1995 MS

1140 CKLE 92.9 NB Bathurst, local WBUF off the air, in often with FF\$ ads, good bursts	709
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THIEF RIVER FALLS - GRAND FORKS - CROOKSTON

The opening on December 26-27 was much better than indicated in this report. Starting around Christmas morning, there was some very good TV tropes, especially UHF, peaking around 1am on the 27th. (See my report soon in ETVDX for more information). Unfortunately, it really did not seem to affect FM at all, even leaving FM with dead conditions at times, while TV was raging! Especially odd was that VHF was going well - not that far off from FM frequency-wise. It did get going a bit at the indicated times, but not nearly like it was on the FM band. There also have been some TV skip openings noted here, but the November opening listed above is the only one that I have heard reach into the FM band. From phone tips, I did miss a few others, but nothing major. For awhile, conditions were pretty decent trop-wise around here for this time of year, thanks probably to the "El Niño" weather pattern, giving us a very sunny December, with warm temperatures (many upper 40s, instead of the normal 30-35). These numerous high pressures brought us quite a few "Detroit/Cleveland/Toledo" openings, nothing to shout about, but not as common usually this time of year. With the onset of mid-winter conditions this first week of January (lots of snow, highs 15-25), conditions have returned being dead-band. Hope you all got in on the great opening at the end of December!

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM \$tereo Probe 9 antennas and rotors at 38 and 36 feet above ground separated at 23 feet, with use of Bolin phase box.

*Denotes use of phase box.

October 1994 (CDT)

<u>15</u> <u>tr</u>	2002*WBUZ 106.5 OH Delta-Toledo, pr\$	120	25 tr (Christmas morning cont'd)
"Buzz-106.5"	(o/WLSN 106.5 OH Greenville)	40	0522 KXOZ 96.9 MO Mountain View- 407
			xmas mx \$ West Plains
<u>16</u> <u>tr</u>	0421*WJSZ 92.5 MI Ashley, o\$	213	0600 KKTZ 107.5 AR Mountain Home, 464
	(o/WVKS 92.5 OH Toledo)	140	xmas mx \$ "Mix-107"
<u>18</u> <u>MS</u>	?? KOSI 101.1 CO Denver	1040	0629*KAMS 95.1 AR Mammoth Spring, 420
			"K-Country 95," k\$, many ads
<u>24</u> <u>tr</u>	0000*WZOM 105.7 OH Defiance, o\$	93	(o/WAJI 95.1 IN Fort Wayne) 62
	ex-105.9		0703 KOLL 94.9 AR Maumelle- 534
	(o/WTLC 105.7 IN Indy)	50	"Cool-95" Little Rock, o\$
November 1994 (EST)			0756*KWOZ 103.3 AR Mountain View- 473
<u>4</u> <u>MS</u>			xmas mx \$ Batesville
0600 WMAU 88.9 MS Bude, previous Es	676		(o/WRZX 103.3 IN Indy) 50
<u>14</u> <u>tr</u>	0200*WZNK 106.7 IL Sullivan-Decatur- 176		0900*KUAR 89.1 AR Little Rock, c\$ 533
	ex-106.3 Mattoon, pr\$, "The Fox"		(o/WBNI 89.1 IN Fort Wayne) 62
	(o/WGLM 106.7 IN W. Lafayette)	82	

December 1994

<u>9</u> <u>MS</u>	0129 KOEL 92.3 IA Oelwein, k\$	380	26 <u>EW</u>	0700 WTGR 97.5 OH Union City- 31
	0200 KRES 104.7 MO Moberly, k\$	378		Greenville OH-Richmond IN, s/on,
	0300 KUNI 90.9 IA Cedar Falls, mj\$	401		first day on air, "The Tiger," r\$
	0331 KQYB 98.3 MN Spring Grove, k\$, many ads, "KQ-98," wx	397	31 Es	
			1821 KLZX 93.3 UT Salt Lake City, 1393	
			wx, \$, "Z-93"	
0129 KOEL 92.3 IA Oelwein, k\$	380	1822 KQSW 96.5 WY Rock Springs, k\$ 1249		
0200 KRES 104.7 MO Moberly, k\$	378	1825 KALL 94.1 UT Salt Lake City, 1393		
0300 KUNI 90.9 IA Cedar Falls, mj\$	401	"Salt Lake City's oldies," \$		
0331 KQYB 98.3 MN Spring Grove, k\$, many ads, "KQ-98," wx	397	1830 KUWZ 90.5 WY Rock Springs, 1249		
		UW refs. car talk \$		
		1832 KRCL 90.9 UT Salt Lake City, 1393		
		raggae \$		
?? KETR 88.9 TX Commerce	754	1841 KBER 101.1 UT Ogden- 1394		
(IN Anderson, off nights)		"K-Bear" Salt Lake City, r\$		
0557 WJTD 98.7 OH McArthur, s/on, \$	167	1849 KWYK 94.9 NM Aztec, r\$, 1244		
0600 WQME 98.7 IN Anderson, s/on, \$	16	last wx report for 1994		
1810 WTGR 97.5 OH Union City- Greenville OH-Richmond IN, played	31	January 1995		
"Eye of the Tiger" 67 hours before s/on		2 MS		
25 <u>tr</u> (Santa Claus was sure good to me!)		2038 KMSP 88.9 ND Minot 965		
0300*WWTE 93.9 IL Lincoln- ex-100.1 Springfield, k\$	210	4 MS		
(o/WXTZ 93.9 IN Noblesville-Indy)	40	?? KAML 96.9 WY Gillette, 1068		
		Previous Es		
		(DEC/JAN meteor showers not very good!)		

Meteor Scatter Results:

0/18 KOSI "...Denver Public Schools this morning..."	D/ 9 KETR cont'd:
N/ 4 WMAU "...FRM. WMAU FM-88.9 Bude..."	Mint - KETR. Programing on KETR is made possible in part..."
D/ 9 KETR "...about 55 to 60. From the Sulphur Springs State Bank, this is staff meteorologist Rod Carrollton for the	J/ 2 KMSP "...some light ground drift-ing in the Dickinson area..."
	J/ 4 KAML "...KAML..."

Last June 28 I had Es on 88.1 to the south. Four stations were fighting it out. A Mexican came in giving watts of power and XH--- when a c station blasted in on it. Then more SS followed by an EE nx broadcast. I sent this UNID to Frank Merrill who compared it to his Mexico City ID. Yes, it was definitely Mexico City. The SS after the c burst says, "Ciudad de México." (Mexico City) The only thing I didn't get were the last three call letters - RED, which is very clear on Frank's tape. This is my first double hop in 22 years of FM DXing at 1656 miles. Another UNID was heard Aug. 19 on 95.3 to FF Canada. I sent my UNID to Alain Pepin of St. Jean-Sur-Richelieu, Quebec. Alain's reply says, "Vous syntonisez CHOE-FM 95.3 Matane," and "very clear ID with call sign." Call letters were finally given in the Nov. FMedia!, but this station was on the air last August. Thank you Frank and Alain.

I have two pirates in the area. Someone has a strong \$ signal on 88.1 to the west playing music and never talking. Another \$ signal is to the NW of me on 91.3 re-broadcasting 97.1 WENS Shelbyville-Indy, IN.

Bob Zent was recently in Bedford, IN. He heard the 89.9 Mitchell, IN xltr with no hourly ID. As I thought, it's in mono, and the only WJSO xltr I can find on 89.9. I heard the 98.7 Findlay, OH xltr ID on hour as "WTGN Lima" when I was in Findlay last March.

STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records,
States Stats and Personal Best Statistics of FM/TV DXers.
(Column issued bi-monthly, 1985 Deadlines:
Mar 5th, May 5th, Jul 5th, Sep 5th & Nov 5th)

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ALL-TIME FM/TV DISTANCE RECORDS

MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC
88.1	ES	WCOP	PR GUAYAMA	2280	DBU-OK	91.5	AU	WPIY	NY TROY	512	FME-MI	95.1	MS	WLST	WI MARINETTE	1146	RSA-1X
88.1	TR	KLW	CA LONG BEACH	2490	SRE1HI	91.7	ES	XKXL	MEXMONTERREY	1719	GCO-NY	95.1	TR	KTSI	KS WICHITA	651	RBR-M
88.1	MS	WPAR	NC CLAREMONTE	1325	DAL-CO	91.7	TR	XKXL	MEXMONTERREY	1101	CHO1FL	95.3	ES	KUIC	CA VACAVILLE	1995	KPU-1
88.1	AU	CBAF29PE	CHARLOTTEVILLE	791	DNI-NY	91.7	MS	KOSU	IN STILLWATER	870	FMC-ND	95.3	TR	KWBR	CA PISMO BEACH	2383	SRE1HI
88.3	ES	WNIN	IN EVANSVILLE	1872	JJE2CA	91.7	AU	KRSW	MN WORTHINGTON	859	DNI-NY	95.3	MS	MONE	NON	0	---
88.3	TR	KPAC	TX SAN ANTONIO	1105	MJE-MI	91.9	ES	WSIU	IL CARBONDALE	1748	JPI1CA	95.3	MS	AKDS	ON HAMILTON	378	SRE-CT
88.3	MS	WRBH	LA NEW ORLEANS	1105	DNI-NY	91.9	TR	KCSB	CA SANTA BARBARA	2417	SRE1HI	95.4	TR	XHDX	ME XTEMPICO	491	GHA-TX
88.3	AU	WNIN	IN EVANSVILLE	947	DAL-CO	91.9	MS	WHRM	WI WAUSAU	1012	RWO-LA	95.5	ES	WVOW	FL FT PIERCE	1619	FMC2ND
88.4	ES	TRGRT	GU GUATEMALA	1136	GHA-TX	91.9	AU	WSIU	IL CARBONDALE	741	FMC2ND	95.5	TR	KLOS	CA LOS ANGELES	2491	SRE1HI
88.5	ES	WHCF	ME BANGOR	1955	PDY-TX	92.0	ES	XEBS	MEXD VICTORIA	873	GHA2OK	95.5	MS	KOCK	KS DODGE CITY	1195	JJE2CA
88.5	TR	KQED	CA SAN FRANCISCO	2357	SRE1HI	92.1	ES	CJAY	AT CALGARY	1766	DNI-NY	95.5	AU	WUPE	NC HIGH POINT	604	SCH-ON
88.5	MS	WPDO	NC WINSTON-SALEM	1161	GHA-TX	92.1	TR	CKY	MB WINNIPEG	842	FME-MI	95.7	ES	WFID	PR RIO PIEDRO	1852	DNI-NY
88.5	AU	WAMU	DC WASHINGTON	934	JEB-MN	92.1	MS	WJGA	GA JACKSON	929	SGR-1A	95.7	TR	KKHH	CA SAN FRANCISCO	2357	SRE1HI
88.7	ES	KFGG	TX CORPUS CHRISTI	2029	MCH-BC	92.1	AU	WYXK	WI SUN PRAIRIE	260	ABO-IL	95.7	MS	KOYN	CA TWENTYNINE PALMS	2028	DHA-1
88.7	TR	KFAC	CA SANTA BARBARA	2417	SRE1HI	92.15	ES	CMBC	CUBAHANA	1299	GHA2OK	95.7	AU	WPTW	OH PIQUA	467	FNO-NY
88.7	MS	WHA	WI MADISON	1089	GHA-TX	92.3	ES	WDO	FL ORLANDO	1743	FMC-ND	95.9	ES	KOHL	MN FARIBAULT	1561	JJE2CA
88.7	AU	WHA	WI MADISON	688	FMC-ND	92.3	TR	KRBT	CA LOS ANGELES	2491	SRE1HI	95.9	TR	KXOS	CA CARLSBAK	2327	SRE1HI
88.8	ES	TRGRT	GU GUATEMALA	1148	PDY-TX	92.3	MS	WVAE	MI DETROIT	1176	DAL-CO	95.9	MS	KEYE	TX PERRYTON	1016	WHE3ON
88.9	ES	WSHA	NC RALEIGH	2069	FAD110	92.3	AU	KLIO	OR PORTLAND	1017	FMC-ND	95.9	AU	KHDL	MN FARIBAULT	477	FMC-ND
88.9	TR	KXLU	CA LOS ANGELES	2491	SRE1HI	92.5	ES	HIDG	DR SANTO DOMINGO	1967	FME11L	96.1	ES	KEFZ	ID IDAHO FALLS	1633	MSI-TW
88.9	MS	WBW	TN CHATTANOOGA	1122	DAL-CO	92.5	TR	XHRM	MEX Tijuana	2536	SRE1HI	96.1	TR	KSLY	CA SAN LUIS OBIS	2383	SRE1HI
88.9	AU	WBW	TN CHATTANOOGA	745	FNO-NY	92.5	MS	KAFM	TX DALLAS	1466	JJE-CA	96.1	MS	KIDS	ID IDAHO FALLS	1224	PDY-TX
89.1	ES	YSR1	ES SAN SALVADOR	1246	PDY-TX	92.5	AU	WVME	OH TOLEDO	749	FMC2ND	96.1	AU	WLKS	GA ATLANTA	588	RBR-M
89.1	ES	HI	DS SANTO DOMINGO	1967	FME11L	92.7	ES	WNSC	FL STUART	1503	BEL2W	96.3	ES	WBIL	IL CHICAGO	1842	JJE2CA
89.1	TR	WUFT	FL GAINESVILLE	979	PDY-TX	92.7	TR	WZTR	FL STUART	1070	SW11TX	96.3	TR	KTSF	CA LOS ANGELES	2491	SRE1HI
89.1	MS	WBW	LA NEW ORLEANS	1105	DNI-NY	92.7	MS	WDXU	WI WAUPACA	431	PSA-ON	96.3	MS	WNYO	FL MIAMI	1056	ABO-IL
89.1	AU	KWNU	KS WICHITA	651	RBR-MI	92.7	AU	KBRX	ME O'WEILL	425	FMC-ND	96.3	AU	WJUR	MI DETROIT	542	JEB-MN
89.2	ES	KJET	MEX TAMPICO	97	GHA2OK	92.9	ES	WSMC	MN DULUTH	1644	JJE-CA	96.5	ES	WSDH	PR FAJARDO	1998	ABO-IL
89.3	ES	WIGE	WI GREEN BAY	1812	JJE4CA	92.9	TR	WBLY	AL MOBILE	887	ND1-IL	96.5	TR	KTYY	CA SAN DIEGO	2531	SRE1HI
89.3	TR	WRTP	FL GOULDS	1066	SW11TX	92.9	MS	KITY	TX SAN ANTONIO	1251	CHO-0H	96.5	MS	KXTR	MO KANSAS CITY	1254	PGE-M
89.3	MS	WHSK	WI CHILTON	1168	GHA-TX	92.9	AU	WVNU	VT BURLINGTON	841	ABO-IL	96.5	AU	WTCU	CT HARTFORD	565	FME-MI
89.3	AU	WCAL	MI NORTHFIELD	712	SCH-ON	93.1	ES	KAMA	TX EL PASO	1804	ND1-IL	96.7	ES	KHFI	TX GEORGETOWN	1477	JFE-NW
89.4	ES	TGSD	GU QUETZAL	1168	GHA-TX	93.1	TR	KRGO	CA LOS ANGELES	2491	SRE1HI	96.7	TR	KWZT	CA SANTA ANA	2505	SRE1HI
89.5	ES	XHME	MEXPUERTO VALLAR	1560	JJE4CA	93.1	MS	KBHD	SD STURGIS	1183	RWO-LA	96.7	MS	WONE	NON	0	---
89.5	MS	KENW	NH PORTALES	1072	RST-1M	93.2	ES	XHDO	MEXMONTERREY	1385	RBR-MI	96.9	ES	CBF5	BC TERRACE	1546	DAL-CO
89.5	AU	WPKN	CT BRIDGEPORT	798	AHO-IL	93.2	TR	XHDO	MEXMONTERREY	274	GHA-TX	96.9	TR	WINK	FL FT MYERS	1037	PDY-TX
89.6	ES	TGDX	GU GUATEMALA	1136	GHA-TX	93.3	ES	KDWB	IA DES MOINES	1517	JJE4CA	96.9	MS	WZQD	KY LEXINGTON	1113	DAL-CO
89.7	ES	WUSF	FL TAMPA	2386	JJE2CA	93.3	TR	KZQZ	CA SAN LUIS OBIS	2383	SRE1HI	96.9	AU	WLAT	MI GRAND RAPIDS	1047	DAL-CO
89.7	TR	KSNS	CA RIVERSIDE	2540	SRE1HI	93.3	MS	KYTR	TX PORT ARTHUR	1195	PSA-ON	97.1	ES	WQH	GA GAINESVILLE	2140	JJE2CA
89.7	MS	KGCC	TX DENISON	1131	LVO-VA	93.3	AU	WBW	SD YOUNGSTOWN	690	JEB-MN	97.1	TR	KLSD	CA LOS ANGELES	2491	SRE1HI
89.7	AU	WBW	MA BOSTON	910	AHO-IL	93.3	ES	XHME	MEX TAMPICO	1492	RSI11A	97.1	MS	KWHE	AR CAMDEN	1076	SCH-ON
89.9	ES	WFCT	FL JACKSONVILLE	1629	FMC-ND	93.5	TR	KFOX	CA REDONDO BEACH	2480	SRE1HI	97.1	AU	WCDW	MI SPARTA	591	FMC-ND
89.9	TR	KBNL	TX LAREDO	1032	CHO1FL	93.5	MS	KWRY	FL KEY WEST	1100	RST-1N	97.3	ES	KLCZ	ID BLACKFOOT	1982	CHO1FL
89.9	MS	WTLR	PA STATE COLLEGE	948	GHA-ME	93.5	AU	WKMG	NE COLUMBUS	452	JEB2ND	97.3	TR	KSON	CA SAN DIEGO	2531	SRE1HI
89.9	AU	WHSN	WI BRULE	478	FMC-ND	93.7	ES	WJIT	PR SAN JUAN	2263	RCO-OK	97.3	MS	KBFU	KS GARDEN CITY	1240	SCH-ON
90.0	ES	YSU	ES SAN SALVADOR	1233	GHA-TX	93.7	TR	KRDB	CA SANTA BARBARA	2417	SRE1HI	97.3	AU	KDUM	IA DES MOINES	782	SCH-ON
90.1	ES	KPFT	TX HOUSTON	2001	MNI-BC	93.7	MS	WECM	MA LAWRENCE	1501	RKO-0H	97.5	ES	KINT	TX EL PASO	1670	RSE-NY
90.1	TR	KCBK	CA SAN LUIS OBIS	2383	SRE1HI	93.7	AU	KWYU	SD WINNER	662	ABO-IL	97.5	TR	KTRH	CA RIVERSIDE	2540	SRE1HI
90.1	MS	WBW	IL CHICAGO	1063	GHA-TX	93.9	ES	KILO	CO COLORADO SPRINGS	1835	ECO-MA	97.5	MS	WHTY	CA SANTA BARBARA	1514	MIF-HF
90.1	AU	KSRJ	MO COLLEGEVILLE	767	SCH-ON	93.9	TR	KLRA	CA LOS ANGELES	2491	SRE1HI	97.5	AU	WAMU	KY LOUISVILLE	1643	DAL-CO
90.3	ES	KKED	TX CORPUS CHRISTI	1598	FNO-NY	93.9	MS	WWLJ	FL MIAMI BEACH	1306	SCH-ON	97.7	ES	CBUF	BC VANCOUVER	1526	JPI-1
90.3	TR	XH17	MEX Tijuana	2536	SRE1HI	93.9	AU	KKLS	SD RAPID CITY	838	AHO-IL	97.7	TR	KDUV	TX KINGSVILLE	933	CHO1FL
90.3	MS	WHLA	WI HOLMEN	1091	GHA-TX	94	ES	XET	MEXMONTERREY	1382	JEB-MN	97.7	MS	WBDF	BC VANCOUVER	1143	DAL-CO
90.3	MS	WBLN	IN FT WAYNE	704	FMC2ND	94.1	ES	WOYE	PR MAYAGUEZ	2263	RBR11A	97.7	AU	WCHM	PO MONTREAL	688	RGR-MI
90.5	ES	WSMC	TN COLLEGEDALE	2057	JJE2CA	94.1	TR	KFSD	CA SAN DIEGO	2531	SRE1HI	97.9	ES	KETIA	MEXGUADALAJARA	2068	RSE-NY
90.5	TR	KHSD	CA ARCATIA	2374	SRE1HI	94.1	MS	KBTO	TX BEAUMONT	1192	PSA-ON	97.9	TR	WJNO	FL PALM BEACH	1544	JJE2CA
90.5	MS	KXCV	MO MARYVILLE	985	FNO-NY	94.1	AK	KUKN	KS KANSAS CITY	881	DNI-1W	97.9	MS	WRFM	FL PALM BEACH	1130	FME11L
90.5	AU	CBHA	MD HALIFAX	1028	FME20H	94.3	ES	KVFM	CA SAN FERNANDO	1510	DHO-1A	97.9	AU	WWSX	TX WASHBIE	726	SCH-ON
90.7	ES	KMUS	ST. LOUIS	1724	JJE2CA	94.3	TR	KTKF	CA GARDEN GROVE	2503	SRE1HI	98.1	ES	WTOW	ON CANTON	2050	FAD-OR
90.7	TR	KPFT	CA LOS ANGELES	2491	SRE1HI	94.3	MS	WGMX	FL MARATHON	1272	DHA-ON	98.1	TR	KIFM	CA SAN DIEGO	2531	SRE1HI
90.7	MS	WXLK	FL W PALM BEACH	1126	DNI-NY	94.3	AU	WPRE	WI PRAIRIE DU CH	777	DAL-CO	98.1	MS	WDFM	OH ALLIANCE	1275	DAL-CO
90.7	AU	KWNU	MO ST. LOUIS	1105	FJE-NF	94.5	ES	KELT	TX HARLINGEN	2110	MCH-B-BC	98.1	AU	KAKH	IA CEDAR RAPIDS	733	DAL-CO
90.9	ES	KWCH	MO WARRENSBURG	1534	JJE-CB	94.5	TR	KELT	TX HARLINGEN	934	CHO1FL	98.3	ES	CFLY	ON KINGSTON	1646	JPI-NM
90.9	TR	KCB1	TX DALLAS	962	JCD-FI	94.5	MS	KTSP	MI ST. PAUL	1113	PDY-TX	98.3	TR	WRTQ	FL PALM BEACH	1130	FME11L
90.9	MS	CBX	AT EDMONTON	1170	JJE2CA	94.5	MS	WLKO	MI GRAND RAPIDS	1047	DAL-CO	98.3	MS	WLGN	FL GOULDS	1214	DHA-ON
90.9	AU	KUNI	IA CEDAR FALLS	589	FMC-ND	94.7	ES	KTTS	MO SPRINGFIELD	1569	JJE2CA	98.3	AU	KOYB	MI SPRING GROVE	764	DAL-CO
91.1	ES	JBC-2	JAMCOOPER'S HILL	1953	JPI-NM	94.7	TR	KAPT	TX LULING	919	CHO1FL	98.5	ES	KPAC	TX PORT ARTHUR	1650	RMO2AT
91.1	TR	XETRA	MEX Tijuana	2538	SRE1HI	94.7	MS	KSET	TX EL PASO	1160	ABO-IL	98.5	TR	KSSY	CA FT BRAGG	2338	SRE1HI
91.1	MS	KSJN	MI ST. PAUL	1123	GHA-TX	94.7	TR	WPTF	NC RALEIGH	512	FME-MI	98.5	MS	WTFM	TN KINGSPORT	1207	JPI-NM
91.1	AU	KSJN	MI ST. PAUL	738	DNI-NY	94.8	ES	TDGX	GU GUATEMALA	1136	GHA-TX	98.5	MS	WISB	GA ATLANTA	588	RBR-MI
91.3	ES	WIPR	PR SAN JUAN	1806	CHO-0H	94.9	ES	WINZ	FL MIAMI BEACH	1948	FMC-ND	98.6	ES	TRGH	GU MARIBOR	1503	JPI-NM
91.3	TR	WTWS	FL MIAMI	1148	GHA-TX	94.9	TR	WINZ	FL MIAMI BEACH	1152	GHA-TX	98.7	ES	KMNO	IA CENTERVILLE	1568	JJE2CA
91.3	MS	CKUA	AT DRUMHELLER	1055	JJE2CA	94.9	MS	WPX	GA DECATUR	1342	FMC-ND	98.7	ES	KYCA	CA LOS ANGELES	2491	SRE1HI
91.3	AU	WCNY	NY SYRACUSE	530	RBR-MI	94.9	MS	KGGD	IA DES MOINES	1268	DAL-CO	98.7	MS	WKMW	TX AMARILLO	1125	JJE4CA
91.5	ES	RJAR	JAMORACABEZA	1953	JPI-NM	95	ES	KZFS	BERHAMPTON	1374	RBR-MI	98.7	AU	WFBG	MI DETROIT	536	MGU-CI
91.5	TR	WJYO	FL FT MYERS	968	SW11TX	95.1	ES	KRDO	CO COLORADO SPRGS	1505	ND1-NJ	98.9	ES	WFMW	NY ROCHESTER	1504	PDY-TX
91.5	MS	WHDN	WI SURING	1219	GHA-TX	95.1	TR	KFRG	CA SAN BERNARDIN	2547	SRE1HI	98.9	TR	KSRV	CA SAN FRANCISCO	2	

ALL-TIME FM/TV DISTANCE RECORDS
STATISTICS

MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC
98.9	MS	CIZL	SK REGINA	1173	RST-IN	102.9	ES	WCCO	MN MINNEAPOLIS	1571	JJE2CA	106.7	TR	KRQO	CA PASADENA	2499	SRE1H1
98.9	AU	WSPA	SC SPARTANBURG	552	RBR-MI	102.9	TR	KLCL	CA SAN DIEGO	2531	SRE1H1	106.7	MS	WWWW	MI DETROIT	891	GHAZOK
99.1	ES	KKEZ	MN MANKATO	1523	JJE2CA	102.9	MS	KNGC	TX DALLAS	1274	SCH-ON	106.7	AU	KAZY	CO DENVER	695	JEB-MN
99.1	TR	KXFM	CA SANTA MARIA	2388	SRE1H1	102.9	AU	WBCS	WI MILWAUKEE	473	SCH-ON	106.9	ES	KNRO	TX CONROE	1489	JP11CA
99.1	MS	WQBK	FL JACKSONVILLE	1188	JEB-MN	103.1	ES	WFKZ	FL PLANTATION	1466	MHA-NE	106.9	TR	X???	MEXENSENADA	2550	SRE1H1
99.1	AU	KBVM	ID IDAHO FALLS	608	FMC-MD	103.1	TR	KBJZ	CA SANTA MONICA	2476	SRE1H1	106.9	MS	WQXK	AL BIRMINGHAM	956	JP1-NM
99.3	ES	WKCN	FL FT MYERS	1594	DAL-CO	103.1	MS	NON-	NON-	0	----	106.9	AU	WSWT	IL PEORIA	557	FMC2ND
99.3	TS	KXKK	CA IMPERIAL	2625	SRE1H1	103.1	AU	KJAM	SD MADISON	360	FMC-MD	107.1	ES	CIBM	PQ RIVIERE DU LO	1884	DAL-CO
99.3	MS	WEDR	FL MIAMI	1199	DHA-ON	103.3	ES	WDVU	FL BRADENTON	1524	DAL-CO	107.1	TR	KBXA	CA FALLBROOK	2536	SRE1H1
99.3	AU	WAEW	TX CROSSVILLE	299	ABO-IL	103.3	TR	KRUZ	CA SANTA BARBARA	2417	SRE1H1	107.3	MS	KDZU	MN HUTCHINSON	620	GHAZOK
99.5	ES	WDMG	GA DOUGLAS	2260	JJE2CA	103.3	MS	KNTD	TX WICHITA FALLS	1346	JJE-C-A	107.1	AU	NON-	NON-	0	----
99.5	TR	KKLA	CA LOS ANGELES	2491	SRE1H1	103.3	AU	VWEE	GA ATLANTA	548	FME2OH	107.3	ES	WBRA	FL ST. PETERSBURG	1749	FMC-ND
99.5	MS	WGAY	DC WASHINGTON	1382	FMC-MD	103.5	ES	YKSN	MN MANKATO	1523	JJE2CA	107.3	TR	KOSZ	CA GROVER CITY	2382	SRE1H1
99.5	AU	WWDQ	KY HENDERSON	568	JEB-MN	103.5	TR	KOST	CA LOS ANGELES	2491	SRE1H1	107.3	MS	WBRA	FL ST. PETERSBURG	1091	PSA-ON
99.7	ES	XKPL	MEXICO ACUNA	1815	HBU-CT	103.5	MS	KXNP	NE NE PLATTE	1141	JJE4CA	107.3	AU	WEOL	OH ELYRIA	614	JEB-NM
99.7	TS	KFR	CA SAN FRANCISCO	2357	SRE1H1	103.5	MS	KEYJ	TX SAN MARCOS	1006	RST-1W	107.5	ES	WBYO	PA BOYERTOWN	1505	GHAX-TX
99.7	MS	WJMI	MS JACKSON	1177	MBU-CT	103.7	ES	WEZS	VA RICHMOND	1494	JPI-1M	107.5	TR	KLVE	CA LOS ANGELES	2491	SRE1H1
99.7	AU	KFHM	IA MUSCATEINE	757	DAL-CO	103.7	TR	KQJY	CA SAN DIEGO	2531	SRE1H1	107.5	MS	KNOK	TX FT WORTH	1298	SC-ON
99.9	ES	KTSM	TX EL PASO	1670	RSE-MT	103.7	MS	KVIL	TX DALLAS	1274	SCH-ON	107.5	AU	KPPL	CO LAKEWOOD	698	JEB-NM
99.9	TR	KYD	CA SANTA BARBARA	2417	SRE1H1	103.7	AU	KIIL	IA DAVENPORT	642	SCH-ON	107.7	ES	WGNA	NY ALBANY	1660	PDY-TX
99.9	MS	KTQM	MN CLOVIS	1069	JJE2CA	103.9	ES	KUOQ	IA SPIRIT LAKE	1448	JJE4CA	107.7	TR	WNGF	FL MT DORA	994	SWL1X
99.9	AU	KFAB	NE OMAHA	554	FMC-MD	103.9	TR	KACE	CA INGLEWOOD	2484	SRE1H1	107.7	MS	KWIC	TX BEAUMONT	1192	PSA-ON
100.1	ES	XHJY	NEXTAMPICO	1492	MS11MC	103.9	MS	CISN	AT EDMONTON	1148	JJE4CA	107.7	TR	KUSS	MO ST. LOUIS	661	FMC2ND
100.1	TR	WEEJ	FL PORT CHARLOTT	1019	PDY-TX	103.9	AU	KKIX	AR LITTLE ROCK	926	GCO-NY	107.9	ES	WFSI	MD ANNAPOLIS	1423	PDY-TX
100.1	MS	CBRK	AT LETHBRIDGE	946	JJE2CA	104.1	ES	KREE	TX HOUSTON	1506	JP11CA	107.9	TR	KWAE	CA SAN CLEMENTE	2516	SRE1H1
100.1	AU	WIVE	VA ASHLAND	564	RBR-MI	104.1	TR	KBXO	CA LOMPOC	2380	SRE1H1	107.9	MS	KVLY	TX EDINBURG	1081	ABO-IL
100.3	ES	KTEX	TX BROWNSVILLE	1595	GCO-WY	104.1	MS	KKJO	MN ST. LOUIS PARK	1107	PDY-TX	107.9	AU	WAWR	IL AURORA	804	MUB-CU
100.3	TS	KTFX	TX BROWNSVILLE	928	CHO1F	104.1	AU	WIKY	IN EVANSVILLE	560	JEB-MN	107.9	TR	KWTR	CA SANTA CLARA	1100	PDY-TX
100.3	MS	KSFT	UT SALT LAKE CITY	1844	KRY-1W	104.3	ES	WTIC	NC TARBORO	1485	JPI-1M	107.9	TR	KWTR	CA SANTA CLARA	1100	PDY-TX
100.3	AU	WZEN	IL ALTON	712	SCH-ON	104.3	TR	KB1G	CA LOS ANGELES	2491	SRE1H1	107.9	TR	KWTR	CA SANTA CLARA	1100	PDY-TX
100.5	ES	KFSX	MI ROSEWELL	1735	JFE-NJ	104.3	MS	WOMC	MI DETROIT	983	FMC-ND	107.9	TR	KWTR	CA SANTA CLARA	1100	PDY-TX
100.5	TR	KBDR	TX MIRANDO CITY	913	MS12FL	104.3	AU	WOMC	MI DETROIT	745	FMC2ND	107.9	MS	KBCE	IL BOISE	1428	WDR-WI
100.5	MS	WFKF	MI CARROLLTON	1141	DAL-CO	104.5	ES	WEAT	FL W PALM BEACH	1895	FMC-NM	107.9	TR	WBBS	NY NEW YORK	733	WDR-WI
100.5	AU	WUKI	IN KOKOMO	692	FMC2ND	104.5	TR	XELTN	MEXICO TECUMSEH	2536	SRE1H1	107.9	ES	PRFS	PA BRASAO PAULO	5126	BRR-AR
100.7	ES	WDAE	FL TAMPA	1743	FMC-MD	104.5	MS	KEKL	TX SAN ANTONIO	1103	RBR-MI	107.9	TR	WRCV	PA PHILADELPHIA	1056	BRR-AR
100.7	AU	KPMB	CA SAN DIEGO	2531	SRE1H1	104.5	AU	WNST	FL WOOSTER	641	JEB-MN	107.9	MS	KDAL	MM DULUTH	1468	DJO-XU
100.7	MS	WJWJ	FL FT LAUDERDALE	1260	GHAZOK	104.7	ES	WRBQ	FL TAMPA	2290	JPI1-1M	107.9	ES	KULU	HI HONOLULU	4254	CLU-IL
100.7	AU	KGBJ	NE OMAHA	554	FMC-MD	104.7	TR	KBEP	CA GARDEN CITY	2361	SRE1H1	107.9	TR	WTVJ	FL MIAMI	1155	PDY-TX
100.9	ES	KJCO	CO YUMA	1453	NDI-MT	104.7	MS	KIVD	SD SIOUX FALLS	898	SCH-ON	107.9	MS	WQAI	TX SAN ANTONIO	1435	RNI-WY
100.9	TR	WRGA	GA PERRY	946	SW11X	104.7	MS	KIVD	SD SIOUX FALLS	524	ABO-IL	107.9	ES	LR1	AR ARGUINDEO NURS	5339	BRR-AR
100.9	MS	WALK	AL SELMA	923	JEB-MN	104.9	ES	KYUF	TX UVALDE	1404	JJE4CA	107.9	TR	WPVJ	FL W PALM BEACH	1253	FGA-NL
100.9	AU	KQAD	MN LUVERNE	406	FMC-MN	104.9	TR	KRPQ	CA ROHRTON PARK	2358	SRE1H1	107.9	MS	WHDH	MA BOSTON	1427	ESH-KS
101.1	ES	CPMI	FL NEW WESTMINST	1827	RBR-MI	104.9	MS	KTCN	NE WAYNE	941	DNI-WY	107.9	ES	CMO	CUHABANA	2428	RC03CA
101.1	TR	KRTH	CA LOS ANGELES	2491	SRE1H1	104.9	AU	WFKO	MS IUKA	761	GCO-NY	107.9	TR	XETV	MEXICO TECUMSEH	2536	SRE1H1
101.1	MS	KCKK	UT KANAB	1482	RST-1M	105.1	ES	KEAN	TX ABILENE	1499	WE4ON	107.9	MS	KTVC	KS EWSIGN	1645	GG1-1M
101.1	TR	WANZ	MO MADISON	843	SCH-ON	105.1	TR	KKGD	CA LOS ANGELES	2491	SRE1H1	107.9	ES	WBKB	IL CHICAGO	2487	UNI-GR
101.1	ES	WYHR	VA HAMPTON	1492	FMC-MD	105.1	MS	WYOR	FL CORAL GABLES	1147	RA-SX	107.9	TR	WVSN	FL MIAMI	1248	FGA-NL
101.1	TR	KSTT	CA LOS OSOS	2375	SRE1H1	105.1	AU	WSOM	OH SALEM	687	JEB-MN	107.9	MS	WCKT	FL MIAMI	1227	TH1-IL
101.1	MS	KDWB	MI RICHFIELD	716	SCH-ON	105.3	ES	KSGM	TX SEGUIN	1487	JJE4CA	107.9	ES	WTW	TX RENO	1516	BU-AR
101.1	AU	WEZO	NY ROCHESTER	1202	FMC-MD	105.3	TR	KBQD	CA SAN DIEGO	2531	SRE1H1	107.9	TR	KWTR	TX WACO	1368	RIT-NY
101.5	ES	WRES	FL ST. PETERSBURG	1533	FMC2ND	105.3	MS	WLTG	LA SLIDELL	1166	FNO-YW	107.9	MS	WTW	NH MT WASHINGTON	1347	BRR-AR
101.5	TR	KGBJ	CA SAN DIEGO	2531	SRE1H1	105.3	MS	WDAS	PA PHILADELPHIA	611	RBR-MI	107.9	ES	CMQG	CUHABANA	1412	ESP-TX
101.5	MS	WIBA	MI MADISON	750	SWP-1A	105.3	ES	WRAR	VA TAPPANHANNOCK	1430	FMC-ND	107.9	TR	WTVC	TN CHATTANOOGA	1101	FGA-NL
101.5	AU	WBIE	GA MARIETTA	573	RBR-MI	105.5	TR	KNC	CA LONG BEACH	2490	SRE1H1	107.9	MS	WSOC	NC CHARLOTTE	1111	GH-A-TX
101.7	ES	KTLO	OK TALEOQUAH	1435	JPI1-CA	105.5	MS	WSMT	FL SPARTA	740	JEB-MN	107.9	ES	CTV	CUHABANA	1366	ESP-TX
101.7	TR	KSOX	TX RAYMONDVILLE	936	CO1FL	105.5	AU	WKEZ	OH SYLVANIA	280	ABO-IL	107.9	TR	KWTR	TX WACO	1368	RIT-TX
101.7	MS	NON-	NON-	0	---	105.7	TR	KSTV	BC VANCOUVER	1526	JPI-1M	107.9	TR	KWTR	TX WACO	1368	WHY-1
101.7	AU	WZKQ	SC MYRTLE BEACH	529	SCW-1M	105.7	TR	KSTV	TX STEPHENVILLE	981	CO1FL	107.9	TR	KWTR	TX WACO	1368	WHY-1
101.9	ES	WCIB	MA FALMOUTH	1576	FMC-MD	105.7	MS	KOZZ	NV RENO	1405	JEB-MN	107.9	TR	KWTR	TX WACO	1368	WHY-1
101.9	TR	KLIT	CA GLENDALE	2491	SRE1H1	105.7	AU	KXEL	IA WATERLOO	593	FMC-ND	107.9	MS	WQJL	TX GALVESTON	1257	RSE-NY
101.9	MS	KQXT	TX SAN ANTONIO	1050	RST-1M	105.9	ES	XHGU	MEXICO JUAREZ	1444	FME2OH	107.9	TR	WQJL	MD BALTIMORE	1163	RC04CA
101.9	AU	WRIG	WI WAUSAU	603	FMC-MD	105.9	TR	WAXY	BERMILTON	1055	DNI-NY	107.9	TR	WPEC	FL W PALM BEACH	1253	FGA-NL
102.1	ES	KLYX	TX HOUSTON	1506	JPI1-CA	105.9	MS	KOTZ	TX HERKATON	1354	MSW-1	107.9	ES	KLAC	CA LOS ANGELES	1628	PRB-1A
102.1	TR	K1OZ	CA OCEANSIDE	2525	SRE1H1	105.9	AU	KBPI	CO DENVER	695	JEB-MN	107.9	TR	KERA	TX DALLAS	1167	RSE-NY
102.1	MS	KWES	1158	JJE2CA	106.1	ES	WKGQ	MD CUMBERLAND	1445	JPI-1M	107.9	MS	WSPD	OH TOLEDO	716	BRR-AR	
102.1	AU	KWFD	TX FT WORTH	602	ABO-IL	106.1	TR	KWSP	CA SANTA MARGARITA	2388	SRE1H1	107.9	TR	KHEG	IA SIOUX CITY	1297	CHA-MA
102.3	ES	WPTM	MI ROANOKE RAPID	1479	JPI-1M	106.1	MS	KLQD	TX DENTON	459	JUE-CA	107.9	TR	KWEU	FL NEW SMYRNA BE	1208	FGA-NL
102.3	TR	KJLH	CA COMPTON	2490	SRE1H1	106.1	AU	KDNT	TX DENTON	660	ABO-IL	107.9	TR	WJWJ	SD BEAUFORT	1271	FGA-NL
102.3	MS	NON-	NON-	0	---	106.2	ES	VSB	BERMILTON	1055	DNI-NY	107.9	TR	WLRN	FL MIAMI	1248	FGA-NL
102.3	AU	WWSR	VT ST. ALBANS	698	RBR-MI	106.3	ES	KYOO	MO BOLIVAR	1557	SRE1H1	107.9	TR	WQCF	FL CLERMONT	1154	FGA-NL
102.5	ES	WTSP	FL ST. PETERSBURG	1414	BEL2M	106.3	TR	KYMS	TX SANTA ANA	2505	SRE1H1	107.9	TR	WLXJ	SC COLUMBIA	1286	FGA-NL
102.5	TR	KXHUAN	MEXICO TECUMSEH	2536	SRE1H1	106.3	MS	KPAN	TX HERKATON	1103	JJE2CA	107.9	TR	WQES	GA WRENS	1194	FGA-NL
102.5	MS	KQIC	MN WILLMAR	801	SCW-1M	106.3	AU	KVWQ	NY CHEYENNE	949	RBR-MI	107.9	TR	WQES	IL SPRINGFIELD	569	RSE-NY
102.5	AU	WBEN	NY BUFFALO	751	JEB-MN	106.5	ES	WSFL	NC BRIDGEPORT	1552	FMC-ND	107.9	MS	WICS	IL SPRINGFIELD	569	RSE-NY
102.7	ES	KIKX	CO MANITOU SPRINGS	1498	CO1FL	106.5	TR	KKLQ	CA SAN DIEGO	2531	SRE1H1	107.9	TR	WTCE	FL FT PIERCE	1237	FGA-NL
102.7	TR	KIIS	CA LOS ANGELES	2491	SRE1H1	106.5	MS	WQLR	MI KALAMAZOO	1048	DAL-CO	107.9	TR	WLTV	FL MIAMI	1241	FGA-NL
102.7	MS	KCYS	WA RICHLAND	1018	GH3NM	106.5	AU	WDLB	WI MARSHFIELD	591	FMC-ND	107.9	TR	KVUE	TX AUSTIN	1248	FGA-NL
102.7	AU	KORD	WA RIC														

ALL-TIME FM/TV DISTANCE RECORDS
STATISTICS

CH PRP CALL LOCATION	MILESDXER-LOC	CH PRP CALL LOCATION	MILESDXER-LOC	CH PRP CALL LOCATION	MILESDXER-LOC
27 TR MCKYT KY LEXINGTON	1108 FMC-ND	46 TR WNPFL FL MAPLES	1147 FGA-NL	66 IX WSMH MI FLINT	676 RBA-MA
28 TR WTGS SC HARRISBURG	1245 FGA-NL	47 TR WFNT FL JACKSONVILLE	1178 FGA-NL	67 TR W670CL AL HUNTSVILLE	1022 FGA-NL
29 TR WFLX FL W PALM BEACH	1253 FGA-NL	48 TR WAFF AL UNIONVILLE	1028 FGA-NL	68 TR W68CF FL TAMPA	1109 FGA-NL
30 TR WAWS FL JACKSONVILLE	1178 FGA-NL	49 TR WTLH GA BAINBRIDGE	1020 FGA-NL	69 TR WMY5 FL HOLLYWOOD	1251 FGA-NL
31 TR W31AT FL GAINESVILLE	1130 FGA-NL	50 TR WBHS FL TAMPA	1109 FGA-NL	70 TR K70CL IA FT DODGE	532 FMC-ND
32 TR WTMV FL LAKELAND	1140 FGA-NL	51 TR WSCV FL FT LAUDERDALE	1251 FGA-NL	71 TR W71AE IL LA SALLE	611 RCO-OK
33 TR WBFS FL MIAMI	1248 FGA-NL	52 TR WTGL FL COCOA	1215 FGA-NL	72 TR W72AT PA E TOHOMA	748 JKA-IL
34 TR WBJA NY BINGHAMPTON	1253 RCO-OK	53 TR WFLI FL CLEVELAND	1126 FGA-NL	73 TR W73BU TX BIG LAKE	302 GNE-OK
35 TR WDPL FL MIAMI	1248 FGA-NL	54 TR WFXD GA AUGUSTA	1225 FGA-NL	74 TR W74AS MI WHITE PINE	583 RSE-NY
36 TR WFTX FL CAPE CORAL	1226 RBA-MA	55 TR WIRB FL MELBOURNE	1221 FGA-NL	75 TR K75CJ MN REDWOOD FALLS	473 GOL-IL
36 MS KSTW MO ST. LOUIS	838 RWA-FL	56 TR WMSG FL TALLAHASSEE	1028 FGA-NL	76 TR CBLFTN KITCHENER	611 BBA-MN
38 TR WSBK MA BOSTON	1500 RCO-OK	57 TR W75BA FL TAMPA	1109 FGA-NL	77 TR W77AA MI IRON MOUNTAIN	562 KRRIL
39 TR KHTV TX HOUSTON	1254 RSE-NY	58 TR WNB5 NJ NEW BRUNSWICK	852 JKA-IL	78 TR K78CR IA KEOSAUQUA	473 RCO-OK
40 TR WMSB FL SARASOTA	1099 FGA-NL	59 TR WJEB FL JACKSONVILLE	1178 FGA-NL	79 TR CITY ON TORONTO	407 WDR-WI
41 TR WNGT GA MACON	1117 FGA-NL	60 TR W60A FL BIG PINE	1184 FGA-NL	80 TR K80AH IA DUBUQUE	610 RCO-OK
42 TR WTEL FL W PALM BEACH	1253 FGA-NL	61 TR W61BL FL TAMPA	1109 FGA-NL	81 TR K81AE MN ST. JAMES	355 RDR-WI
43 TR WBSF FL MELBOURNE	1221 FGA-NL	62 TR WBLB KY LEXINGTON	728 RCO4OK	82 TR K82AJ MN INTERNATIONAL	367 FMC-ND
44 TR WTOP FL ST. PETERSBURG	1174 RBA-MA	63 TR WHSG GA MOWROE	1139 FGA-NL	83 TR W83AS WI LA CROSSE	235 JKA-IL
45 TR WHFT FL MIAMI	1248 FGA-NL	64 TR WGMN GA MACON	1117 FGA-NL		
		65 TR W58BL FL TALLAHASSEE	1028 FGA-NL		

ALL-TIME TV DISTANCE RECORDS

 KEY TO DXER INITIALS/LOCATION
 INIT DXER NAME DXER LOCATION

 LAT NO. LONG WEST
 DEG MIN DEG MIN

ACO- ARNOLDO CORA	CUBA MARIANA	23 5 82 26
BBA- BUCK BATTIN	MN DULUTH	46 47 92 6
BBR- BEDFORD BROWN	AR HOT SPRINGS	34 30 93 3
BRA- BARNEY RAUCH	IL PEORIA	40 42 89 36
CHA- CHRISTOPHER HALL	MA SALEM	42 31 70 55
CLU- CARL LUPTON	IL SPRINGFIELD	39 47 89 40
DJO- DORIS JOHNSON	WA LONGVIEW	46 8 122 56
ESH- EDWIN SHOREY	KS DERBY	37 33 97 16
ESP- ED SPARKS	TX ODESSA	31 51 102 22
FGA- FERNANDO GARCIA	MEX GUADALOPE(NL)	25 41 100 15
FMC- FRED MCCORMACK	ND DES LACS	48 17 101 25
GGI- GHIGLAIN GIRARD	PO ARVIDA	48 25 71 11
GHA- GLENN HAUSER	TX VON ORMY	29 18 98 31
GNE- GLEN NEIL	OK SAYRE	35 18 99 38
GOL- GARY OLSON	IL DEERFIELD	40 10 87 51
JB- JERRY BURCH	AR HOT SPRINGS	34 30 93 3
JKA- JEFF KADET	IL MACOMB	40 27 90 40
POY- PAT DYER	TX SAN ANTONIO	29 28 98 36
PRA- PHIL RADER	IN INDIANAPOLIS	39 47 89 40
RBA- ROY BARSTOW	MA TEATICETICKET	41 36 70 36
RCO- ROBERT COOPER	OK OKLAHOMA CITY	35 28 97 32
RCO2- ROBERT COOPER	CA LAFAYETTE	37 53 122 7
RCO3- ROBERT COOPER	CA FRESNO	36 45 119 45
RCO4- ROBERT COOPER	OK ACRADIA	35 39 97 19
RIT- RICHARD ITALIANO	NY BINGHAMPTON	42 8 75 54
RKR1- ROBERT KRAMER	IL CARBONDALE	37 44 89 13
RNI- RICHARD NIEMAN	NY BUFFALO	42 56 78 53
RSE- ROBERT SEYBOLD	NY DUNKIRK	42 29 79 20
RWA- R.J. WALKER	FL DAYTONA BEACH	29 12 81 0
SRE1- SHELDON REMINGTON	HI KEAUA(fern FOR	19 27 155 10
THI- THOMAS HIDLEY	IL CRYSTAL LAKE	42 13 88 17
UNI- UNID ARO	GREENTHULE AFB	76 34 68 47
WDR- WILLIAM DRAEB	WI KEWAUWEE	44 27 87 30
WHI- WILLIAM HIDER	NY BINGHAMPTON	42 8 75 54

ALL-TIME FM DISTANCE RECORDS

 KEY TO DXER INITIALS/LOCATION
 INIT DXER NAME DXER LOCATION

 LAT NO. LONG WEST
 DEG MIN DEG MIN

DEG MIN DEG MIN

AS OF: 1/14/95
 KEY TO DXER INITIALS/LOCATION
 INIT DXER NAME DXER LOCATION

 LAT NO. LONG WEST
 DEG MIN DEG MIN

DEG MIN DEG MIN

FMC- FRED MCCORMACK	ND DES LACS	48 17 101 25
FMC2- FRED MCCORMACK	ND FARGO	46 52 96 7
FME- FRANK MERRILL	MI MILAN	42 5 83 40
FME1- FRANK MERRILL	IL MACOMB	40 27 90 40
FME2- FRANK MERRILL	OH TOLEDO	41 39 83 32
FMO- FRED NORDQUIST	NY CLAY	43 8 76 8
GCO- GREG CONIGLIO	NY WILLIAMSVILLE	42 59 78 41
GHA- GLENN HAUSER	TX VOR ORMY	29 18 98 31
GHA2- GLENN HAUSER	OK ENID	36 19 97 48
GHA3- GLENN HAUSER	NM ALBUQUERQUE	35 1 106 40
JCO- JOHN COMBS	FL ORLANDO	28 32 81 23
JEB- JOHN EBELING	MN BLOOMINGTON	44 50 93 19
JEB2- JOHN EBELING	MN PROSIT	47 0 92 37
JFE- JOSEPH FELA	NJ S PLAINFIELD	40 35 74 25
JJE- JOHN JEFFERSON	CA CONCORD	37 59 122 7
JJE2- JOHN JEFFERSON	CA PLEASANTON	37 40 121 53
JJE4- JOHN JEFFERSON	CA ANTIOPH	37 59 121 48
JPI- JIM PIZZI	NM LOVINGTON	32 57 103 21
JPI1- JIM PIZZI	CA ORCUTT	34 57 120 26
KPU- KEITH PUGH	AL NEW HOPE	34 32 86 24
KRI- KURT RICHARDSON	NY SYRACUSE	43 3 76 9
LVO- LARRY VOGT	VA SPRINGFIELD	38 45 77 13
MBU- MIKE BUGAJ	CT ENFIELD	41 58 72 36
MCH- MIKE CHERRY	BC GANGES	48 51 123 30
MHA- MIKE HAWK	NE OMAHA	41 13 96 3
MJE- MIKE JEZIORSKI	FL CRESCENT BEACH	29 40 81 13
MNI- MATT NITT	BC VANCOUVER	49 16 123 7
MSI- MATT SITTEL	TN KINGSPORT	36 32 82 33
MSII- MATT SITTEL	NC RALEIGH	35 47 78 39
MSII1- MATT SITTEL	FL TALLAHASSEE	30 29 84 18
MD1- NEIL DICKERSON	MD SHARPINTON	38 26 75 38
POY- PAT DYER	TX SAN ANTONIO	29 28 98 36
PGE- PETER GEORGE	MA BROCKTON	42 5 71 1
PSA- PETER SANATZKY	ON WATERLOO	43 28 80 31
RBR- RUS BROSN	MI ST JOSEPH	42 6 86 29
RBR1- ROGER BROWN	IA AMES	42 2 93 7
RCO- ROBERT COOPER	OK OKLAHOMA CITY	35 28 97 32
RSA- RICK SAMFORD	TX BURNETT	30 46 98 14
RSE- ROBERT SEYBOLD	NY DUNKIRK	42 29 79 20
RSM- BOB SMOLOK	NJ HIGHBRIDGE	40 40 74 54
RST- RALPH STROBEL	IN MUNCIE	40 11 85 7
RWD- RICHARD WOOD	LA BATON ROUGE	30 23 91 11
RWD2- RICHARD WOOD	AT MEDICINE HAT	50 3 110 2
SCH- SAUO CHERNO	ON BURNT RIVER	44 39 78 42
SGR- SUU GRADE	IA SIOUX CITY	42 30 96 23
SRE- SHELDON REMINGTON	CT NEW HAVEN	41 18 72 56
SRE1- SHELDON REMINGTON	HI KEAUA(fern FOR	19 27 155 10
SWE- STEVE WEST	PA GLEN MILLS	39 55 75 30
SWI1- STEVE WISEBLOOD	TX BROWNSVILLE	25 54 97 30
WHE3- WILLIAM WEBBURN	ON THUNDER BAY	48 23 89 15
WHE4- WILLIAM WEBBURN	ON KINGSTON TWP	44 14 76 30

ALL-TIME FM DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION

LAT NO. LONG WEST

DEG MIN DEG MIN

DEG MIN DEG MIN

ABO- ANDY BOLIN	IL CHARLESTON	39 30 88 10
BEL2- BRUCE ELVING	MN DULUTH	46 47 92 6
CHO- CARLON HOWINGTON	OH UNIONTON	40 59 81 25
CHO1- CARLON HOWINGTON	FL ST. PETERSBURG	27 46 82 38
DAL- DOUG ALLEN	CO WOODLAND PARK	39 0 105 3
DBU- DANNY BUNTIN	OK STILLWATER	36 7 97 4
DHA- D. BRUCE HALL	ON BRANTFORD	43 7 80 17
DHO- DENNIS MOE	IA AMGSGAR	43 23 92 55
DNI- DAVID NIEMAN	NY AKRON	42 58 78 32
ECO- ERNEST COOPER	MA PROVINCETOWN	42 3 120 11
FAD- FRANK ADEN	OR BEND	44 3 121 19
FAD1- FRANK ADEN	ID BOISE	43 37 116 13

STATISTICS

WTFDA GUIDELINES FOR COMPUTING TV-FM DISTANCE RECORDS AND SCOREBOARD TOTALS

- 1] A TV Station received on more than one channel (when it changes channel, but retains its identity) may be counted once for each channel, excluding change in offset on the same channel. Simultaneous reception of the same station on more than one channel is usually a receiver problem only, though you may present evidence to the contrary. An FM station may be counted again when it deliberately changes frequencies, or varies more than 100kHz from its normal frequency. DXers should be certain they are not counting receiver images or mixing products.
- 2] Stations operating successively on the same channel in a single city what are clearly unrelated (i.e., with different call letters and a hiatus in occupation of the channel, or non-renewal of the first station's license) are counted as separate stations.
- 3] A move in a station's transmitter location does not allow it to count as a new station unless the CITY OF LICENSE also changes. Thus, a station starting in a small city and later moving both transmitter and identity to a larger city, if received during both phases of operation, will count twice. Stations moving antenna from downtown to suburbs, for example, with no change in the city of license, count only once. The addition of a city to a station's identity (multiple city station identification) does not count as a new station.
- 4] A change in call letters per se is not sufficient reason to count that station as new, whether or not a change in ownership is involved in a continuously operation station. Power lever or changes in power alone shall have no bearing on these guidelines.
- 5] Sharetime stations (rare cases of two stations in the same coverage area sharing the same frequency at different times of the day) count as one if they share their transmitter; individually if they have separate transmitter sites.
- 6] DX received via cable TV may be counted if the station was received off the air on its original frequency at the CATV headend, from which distances must be measured. TOTAL INCLUDING CATV MUST BE SPECIFIED.
- 7] The precise location of the transmitting antenna shall be the determining factor in computing the DX path distance and tallying the number of political units received.
- 8] Verifications are not required; however, contributors must be reasonably certain that all stations claimed were received. Those totals limited to verified only should be labeled as such.
- 9] DX obtained by recording only, and not witnessed at the actual time of the reception, is eligible -- so long as the contributor himself chose the frequency and prepared the recording apparatus. When more than one DXer is present at a DX reception, even as a visitor to another DXer's shack, only those having an active part in the reception may claim the DX.
- 10] Translators and experimental stations, as well as unlicensed outlets such as pirates and clandestines, are eligible. Harmonics of TV video signals are eligible if the fall within another TV band, and those of FM stations are eligible if the harmonics fall within the FM band. But utility stations monitored on FM or TV, and CATV radiation, do not count.

Note: The above guidelines are to be used for reporting to VUD columns. Feel free to count your station totals any way you like in your own log, but please follow the above guidelines for WTFDA purposes. WTFDAers come from varied backgrounds and differ widely on how to count station totals; without the above, it would be like comparing "apples an oranges" when reading DX report columns. These are essentially the same guidelines in use since the WTFDA began, and comments on them are always welcome--but remember, unless reporters follow the same standard in counting stations, it's very hard to compare their results.)

NOTE: The FM/TV All-Time Distance Records were recalculated using DXer location grid coordinates (City coordinates if exact coordinates not given to me), and the City of License coordinates for all TV/FM Stations to simplify distance calculations. This is a variance to Rule #7 of the WTFDA guidelines for computing TV-FM Distance Records. It would be a very time-consuming task to keep track of all transmitter locations (especially when many transmitters are relocated over all the years that records are tracked). Please check your DX coordinates for any errors. If you have any suggestions on other statistics that you would like to appear in this column, let me know. TV-FM Distance Records for current WTFDA members (or for the current year) are some possibilities (after I gain access to a membership list). If you want a printout of distances between your DX location and all cities having TV/FM stations in North America including the Caribbean/Central America, I still offer this service for a \$2.00 donation to cover costs. Please indicate your DX location grid coordinates and whether you want the listing in miles or kilometers. Fred Nordquist.

TECH TALK

by Rich Wertman

RW ANTENNA SERVICE - 6150 CROSBY RD - LOCKPORT NY 14094-7949

Topic: RDX-Labs UA-900 Amplifier

This item has been on my list of reports to do. I not so recently ago received a prototype of this amp from its designer, Jim Dietrich. I was asked to review it and put it to the test. This was around March of '91. Since then I have mounted it at my home on a Channel Master 7-foot Parabolic, and most recently, on one of our company's headend systems for a commercial setup. I agreed to try it at my home because I live approximately 5 miles line-of-sight to 3 very powerful UHF stations. They are all in the direction of %90 of my UHF DXing. I had been looking for an amp with better overload protection than some of your typical Winegard PA-4975's and the Channel Master units...but without the loss of gain, and the added noise that many amps provide. I was quite surprised at the design, noting that it must be a throw-away item, since it's encapsulated in epoxy. Jim assures me that if it dies, he will replace it at no charge.

Well, off to the testing grounds. First off the PA-4975 is an overload monster, since it provides too much gain and no input protection, unless using traps or not within about 10 miles of local UHF stations. The UA-900 does not show a lot of gain as my RF signal meter proved, but then the PA-4975 didn't show as much as it was listed for it either. The UA-900 gain is very close to 20 dB, and the PA-4975 is around 24 dB. As I am writing this the Winegard PA series have been discontinued and the replacement for the 4975 is now the AP-4800, which does exhibit around 29 dB gain and much lower noise. However, it also overloads worse than the PA-4975 did. I don't have much to measure noise in an amplifier but my eyes, so I will truthfully say by viewing, the PA-4975 and the UA-900 show about the same as far as noise goes. The AP-4800 is much cleaner than anything I've seen though, probably due to the new stripline construction.

The gain on the UA-900 is quite similar to the once-famous AC-4990 UHF amp, from Winegard. In fact...I feel the Winegard AC-4990 and the RDX-Labs UA-900 are darn near identical as far as overload, gain, and noise are concerned. I only noted a little edge on overload capacity on the UA-900. The local UHF's didn't start nailing me until I was within 20 degrees of "straight on." The AC-4990 was more like 30 degrees. Again, this is with no traps, antenna at 50 feet, and an old reliable Zenith 13" TV. I had a few complaints to Jim about the original design, which basically consisted of the leads for the 300 ohm connections being too short. If they broke off, you may not be able to re-attach it to your antenna. Jim assured me that this problem would be dealt with. Also, I would like to see the power supply marked with INPUT and OUTPUT. The power supply could also use a good way in which to mount it, especially since I use them in commercial situations.

I know by talking with a lot of people they were leary of the price tag on this unit, which had been \$169.00...but remember, Jim says he will replace it, should it fail. I am about to put him to the test. For some reason my UA-900 is not working at my commercial location and I feel it may be lightning related. I did however also have Channel Master and Winegard amps at the same location, but noted no problems after the storm with them. Just a note - Jim has done some reworking of this amp since my prototype, as far as design is concerned. (EDITOR'S NOTE: RDX Labs has also recently reduced the UA-900 to \$99.95, AND is now offering a "Super-Low-Noise" model, the UA-900A, for \$129.95). All in all, I think with a warranty like that and a product as good as it is, you have to weigh that cost as a bit of low cost insurance.

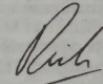
Let's face it, Winegard and Channel Master won't do anything to their units without a charge after the first year. On my scale of 0-10 I'd rate the UA-900 about an 8, and it would probably be a 10, with the items I felt needed changes!

I am not an expert, nor try to be, at rating things. I do however work with these products everyday (and sometimes nights) of my life, so I just feel I may be able to help people get some input on these items. I am by no means trying to persuade anyone into making a decision to purchase the products of manufacturers I review.

COMING
SOON IN
THE
V.U.D.

30

"EL NIÑO" WINTER
SUPER-TROPO !



DR. FEEDPOINT JOINS
THE RESISTANCE!

DOES E-SKIP CAUSE
THUNDERSTORMS?
OR TESLA COILS???

Winter SWL Festival

March 16-18, 1995

Holiday Inn

Sumneytown Pike

Kulpsville, Pennsylvania

We will officially open the Eighth Annual Winter SWL Festival Forums on Friday morning and continue all day Saturday. As usual, there will be door prizes, station freebies, (please bring items to be donated for the silent auction), and a banquet on Saturday night. New this year, bring items for sale or swap for an equipment swap meet on Friday afternoon. Also new, bring your receivers and have their specs checked by two experts. Ben Hester and Joe Buch will report their findings and compare receiver specs in a forum.

The Forums will include:

- QSLing
- Intro to Scanning
- DX Accessories
- Pirate Broadcasts
- Intro to Utilities
- Interpreting Receiver Specs

And More To Be Announced...

Registration Options-

FULL	— Includes forums, hospitality room, lunch and banquet	— \$35
PARTIAL	— Includes forums, hospitality room but NO meals	— \$17
SPOUSE	— Includes hospitality room and meals	— \$19

GRAND PRIZE To be announced

SPECIAL Register early and win a SW portable! Your registration received by midnight February 11, 1995 will allow you one FREE entry towards this early bird registration door prize.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Registration for hotel rooms should be made directly to the Holiday Inn at (215) 368-3800 As soon as possible! Special rates - **\$59** single, **\$64** double. Our function code with the hotel is WINTER SWL FEST. Please refer to this to get the special room rates. Listen to the ANARC SWL NET on 7.240 LSB at 10 AM Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route—ask for details. Limo service is available from Phila. Intl Airport directly to the Holiday Inn.

Please submit the following form with your registration amount or send for more information to:

Winter SWL Festival
PO Box 591
Colmar, PA 18915

Name _____

Address _____

City _____

Circle: FULL PARTIAL SPOUSE (Spouse Name: _____)

Banquet - Check: Roast Beef _____ Chicken _____ Registration Fee Enclosed: \$ _____

I wish to purchase _____ raffle tickets (\$1 ea. / 6 for \$5/ Special 13 for \$10) Tickets Fee Enclosed: \$ _____

Total check/money order enclosed: \$ _____



WORLDWIDE TV-FM DX ASSOCIATION

POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.



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